

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117227.D
 Acq On : 24 Sep 2019 20:33
 Operator : JU
 Sample : K5008-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 02:39:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	27240	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	108625	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	56252	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	92092	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59695	20.00	ng	0.00
87) Perylene-d12	15.43	264	63608	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	257988	147.86	ng	0.00
7) Phenol-d6	6.46	99	364790	161.78	ng	0.00
23) Nitrobenzene-d5	7.38	82	222393	107.57	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	67935	144.50	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	364428	101.30	ng	0.00
79) Terphenyl-d14	12.92	244	327813	102.65	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.58	88	29614	40.562	ng	# 95
3) Pyridine	3.34	79	73199	36.630	ng	97
4) n-Nitrosodimethylamine	3.27	42	34527	50.347	ng	# 84
6) Aniline	6.48	93	88605	30.520	ng	# 66
8) 2-Chlorophenol	6.60	128	94420	50.163	ng	97
9) Benzaldehyde	6.36	77	64700	62.808	ng	96
10) Phenol	6.47	94	130704	52.581	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	87661	47.982	ng	99
12) 1,3-Dichlorobenzene	6.76	146	99337	47.032	ng	99
13) 1,4-Dichlorobenzene	6.83	146	101011	46.863	ng	98
14) 1,2-Dichlorobenzene	6.99	146	94661	47.169	ng	98
15) Benzyl Alcohol	6.96	79	89397	51.700	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	79484	44.036	ng	60
17) 2-Methylphenol	7.07	107	77862	49.358	ng	# 90
18) Hexachloroethane	7.32	117	37697	45.461	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	69406	50.549	ng	94
20) 3+4-Methylphenols	7.23	107	100180	50.984	ng	97
22) Acetophenone	7.22	105	139981	50.721	ng	# 96
24) Nitrobenzene	7.40	77	106683	52.254	ng	98
25) Isophorone	7.63	82	186738	51.015	ng	98
26) 2-Nitrophenol	7.72	139	46807	53.375	ng	98
27) 2,4-Dimethylphenol	7.76	122	80008	57.532	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	107151	47.512	ng	99
29) 2,4-Dichlorophenol	7.96	162	76094	52.221	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	76592	48.653	ng	98
31) Naphthalene	8.12	128	269784	51.641	ng	98
32) Benzoic acid	7.89	122	37504	37.404	ng	97
33) 4-Chloroaniline	8.17	127	30052	12.970	ng	98
34) Hexachlorobutadiene	8.23	225	43290	48.468	ng	96
35) Caprolactam	8.54	113	14715	29.835	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	89292	52.554	ng	99
37) 2-Methylnaphthalene	8.81	142	180309	51.254	ng	99
38) 1-Methylnaphthalene	8.91	142	170315	51.692	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	70997	48.877	ng	99

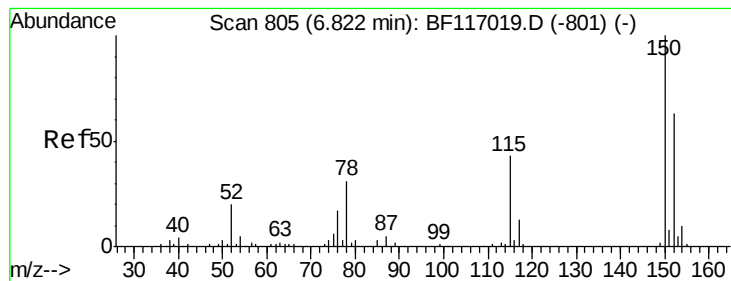
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117227.D
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 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	37087	59.942	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	48330	49.028	ng	97
44) 2,4,5-Trichlorophenol	9.14	196	52041	49.412	ng	98
46) 1,1'-Biphenyl	9.27	154	216581	49.084	ng	99
47) 2-Chloronaphthalene	9.30	162	169512	48.678	ng	99
48) 2-Nitroaniline	9.40	65	54436	48.736	ng	99
49) Acenaphthylene	9.71	152	267075	51.196	ng	99
50) Dimethylphthalate	9.57	163	244752	61.450	ng	99
51) 2,6-Dinitrotoluene	9.64	165	42571	52.480	ng	98
52) Acenaphthene	9.89	154	156947	50.753	ng	97
53) 3-Nitroaniline	9.80	138	21453	20.961	ng	# 98
54) 2,4-Dinitrophenol	9.93	184	12034	39.586	ng	98
55) Dibenzofuran	10.06	168	235186	51.546	ng	99
56) 4-Nitrophenol	9.99	139	58346	87.959	ng	93
57) 2,4-Dinitrotoluene	10.05	165	56141	53.317	ng	# 92
58) Fluorene	10.40	166	191785	52.182	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	35945	44.599	ng	93
60) Diethylphthalate	10.27	149	198557	50.672	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	83496	52.507	ng	96
62) 4-Nitroaniline	10.42	138	42318	39.759	ng	# 82
63) Azobenzene	10.55	77	205003	51.224	ng	95
65) 4,6-Dinitro-2-methylphenol	10.46	198	11408	30.180	ng	# 73
66) n-Nitrosodiphenylamine	10.51	169	165981	52.187	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	46649	49.601	ng	92
68) Hexachlorobenzene	10.95	284	48901	47.539	ng	94
69) Atrazine	11.03	200	45599	65.060	ng	99
70) Pentachlorophenol	11.15	266	45346	94.044	ng	100
71) Phenanthrene	11.36	178	266924	51.029	ng	99
72) Anthracene	11.42	178	281688	52.748	ng	99
73) Carbazole	11.57	167	253387	49.988	ng	98
74) Di-n-butylphthalate	11.89	149	314939	52.220	ng	99
75) Fluoranthene	12.55	202	259104	48.209	ng	97
77) Benzidine	12.67	184	117292	60.996	ng	99
78) Pyrene	12.77	202	257282	51.365	ng	99
80) Butylbenzylphthalate	13.39	149	122269	51.661	ng	99
81) Benzo(a)anthracene	13.96	228	198962	49.886	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	59938	46.637	ng	95
83) Chrysene	14.00	228	187506	48.204	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	167673	54.946	ng	95
85) Di-n-octyl phthalate	14.55	149	265408	55.259	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	193206	68.080	ng	98
88) Benzo(b)fluoranthene	15.01	252	179981	46.712	ng	98
89) Benzo(k)fluoranthene	15.04	252	173004	47.401	ng	98
90) Benzo(a)pyrene	15.37	252	172400	50.990	ng	96
91) Dibenzo(a,h)anthracene	16.89	278	164941	61.238	ng	97
92) Benzo(g,h,i)perylene	17.32	276	147365	54.905	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

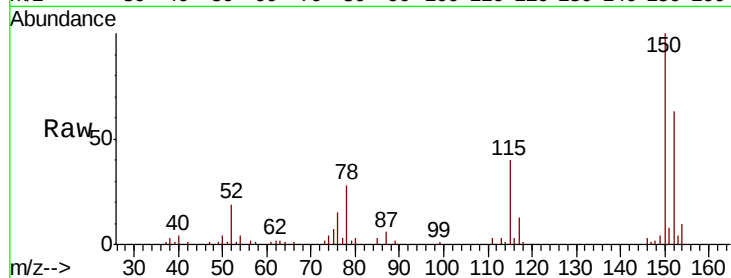


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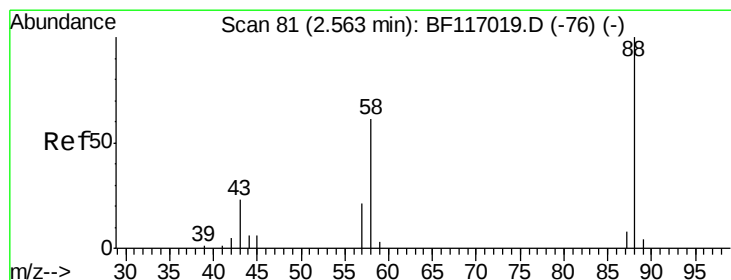
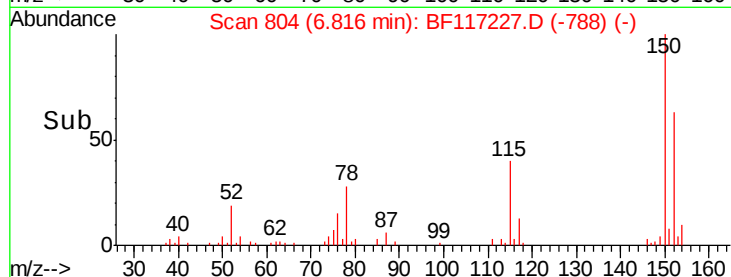
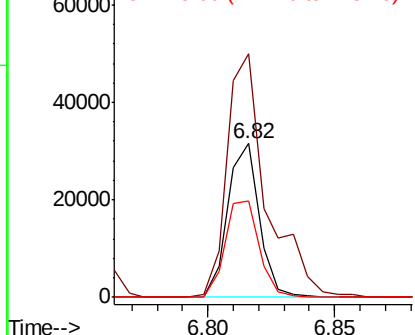
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 27240
Ion Ratio Lower Upper
152 100
150 158.7 127.5 191.3
115 62.8 55.0 82.4



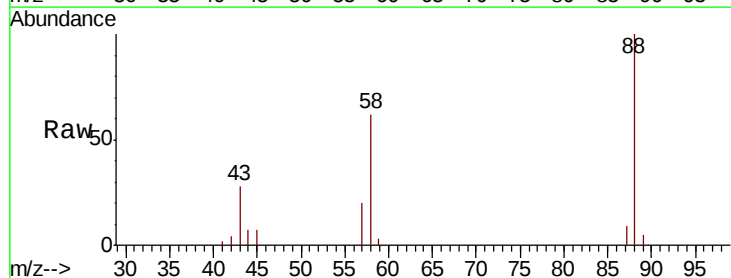
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



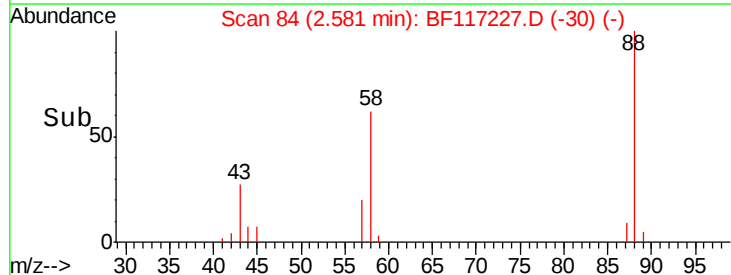
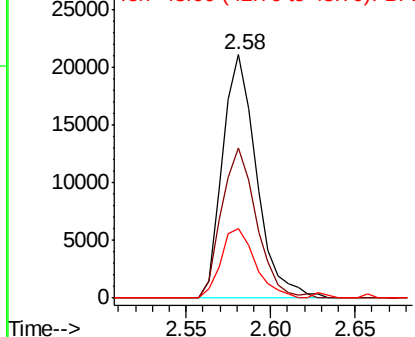
#2

1,4-Dioxane
Concen: 40.562 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.02 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion: 88 Resp: 29614
Ion Ratio Lower Upper
88 100
58 63.4 49.3 73.9
43 29.1 18.8 28.2#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.630 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.04 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampled :

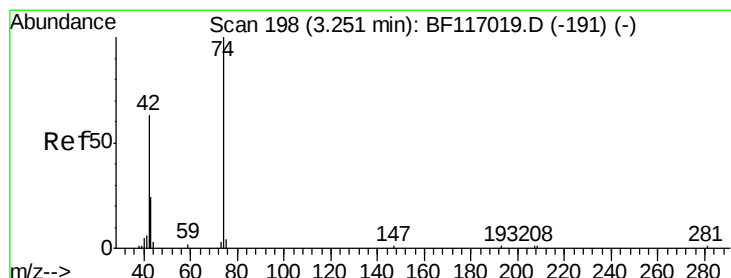
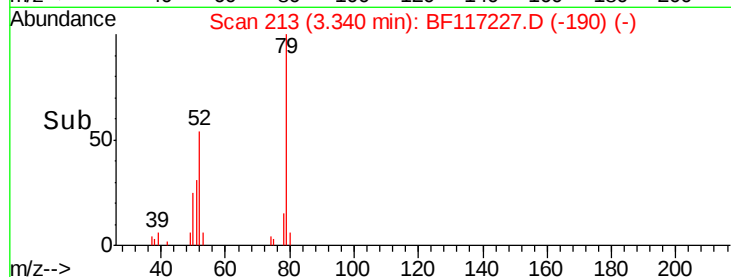
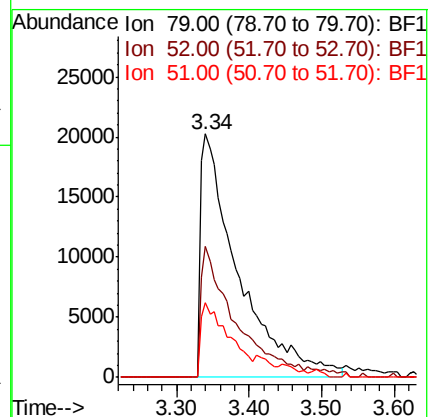
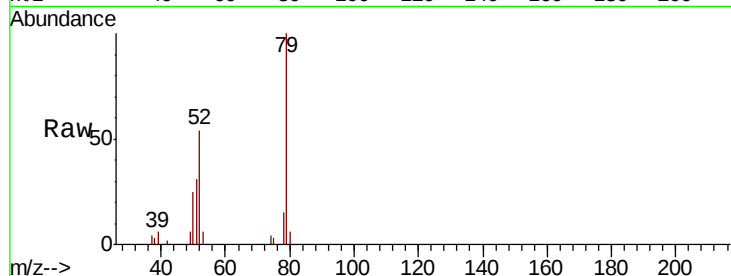
Tot Ion: 79 Resp: 73199

Ion Ratio Lower Upper

79 100

52 53.9 43.5 65.3

51 30.8 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 50.347 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

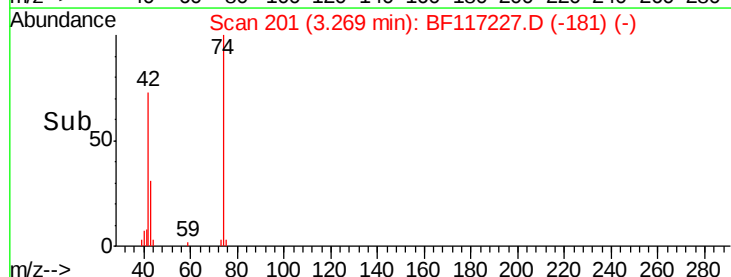
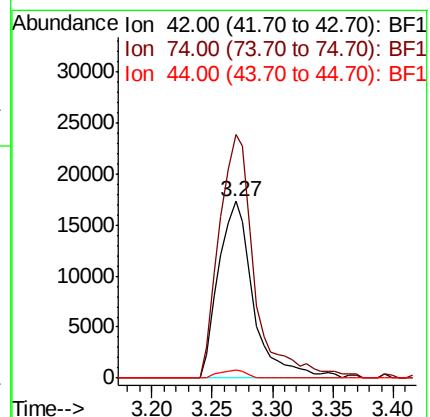
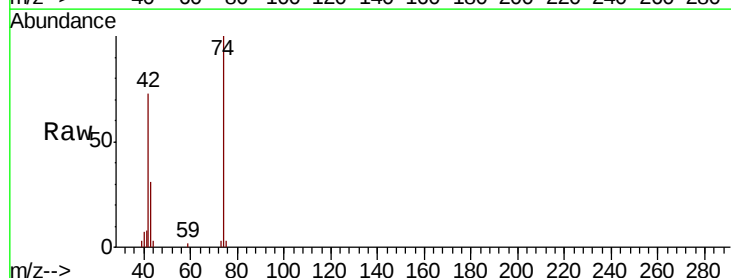
Tgt Ion: 42 Resp: 34527

Ion Ratio Lower Upper

42 100

74 137.7 127.1 190.7

44 4.3 4.3 6.5#





#5

2-Fluorophenol

Concen: 147.865 ng

RT: 5.45 min Scan# 571

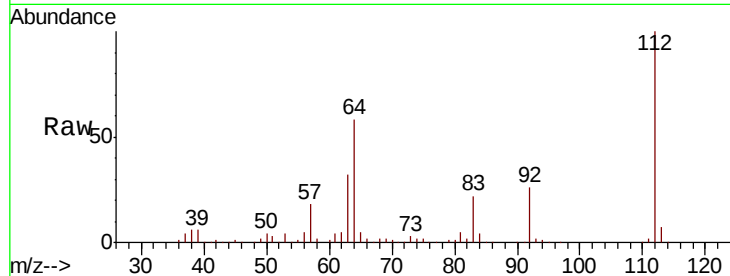
Delta R.T. 0.01 min

Lab File: BF117227.D

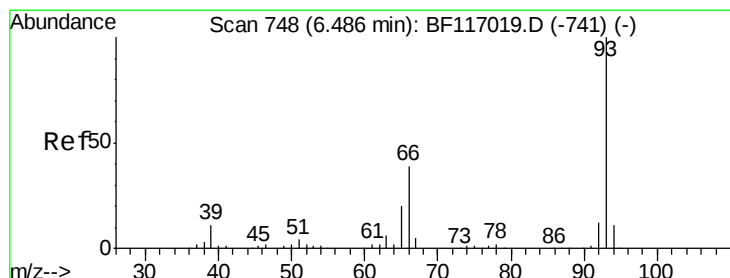
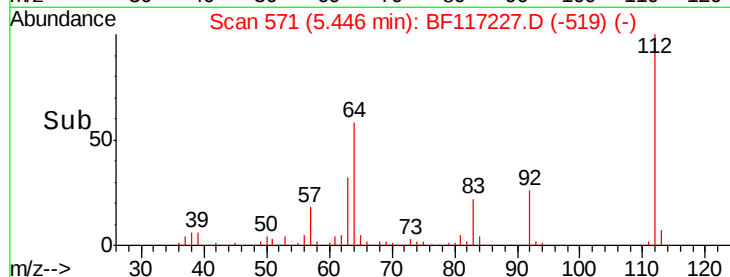
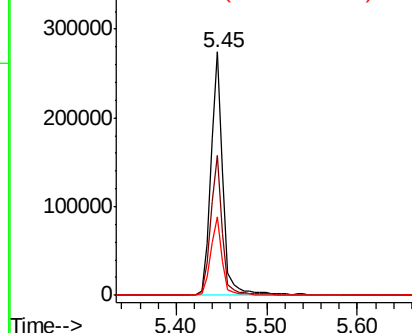
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	257988
Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.7	68.5
63	32.0	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.520 ng

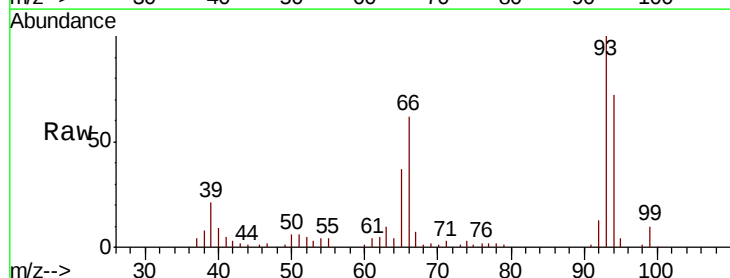
RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

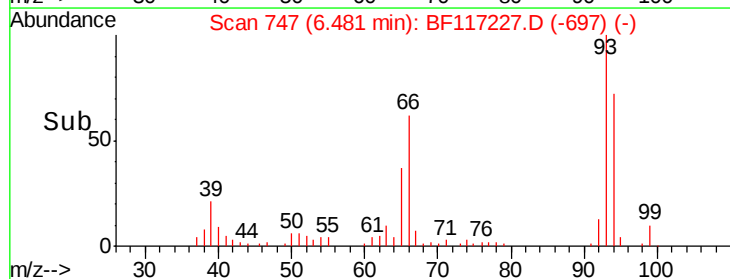
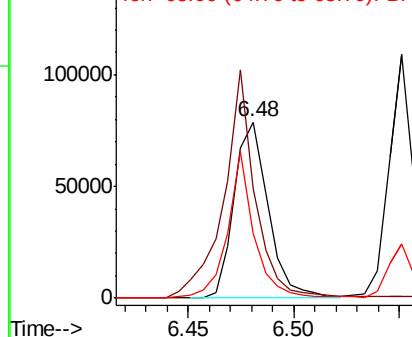
Lab File: BF117227.D

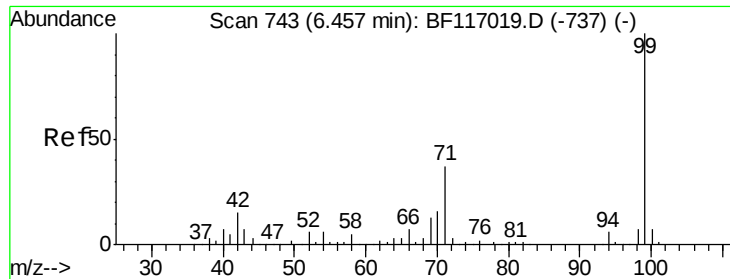
Acq: 24 Sep 2019 20:33

Tgt Ion:	93	Resp:	88605
Ion	Ratio	Lower	Upper
93	100		
66	62.1	32.6	49.0#
65	36.6	16.7	25.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 161.780 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampleId :

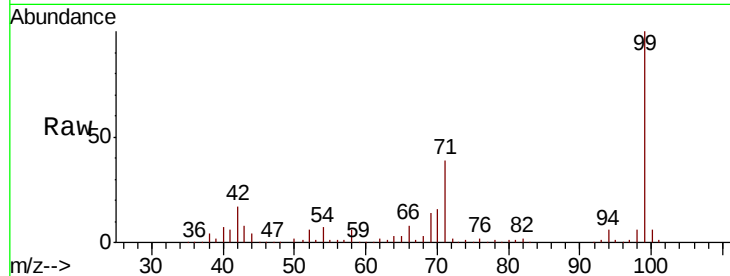
Tot Ion: 99 Resp: 364790

Ion Ratio Lower Upper

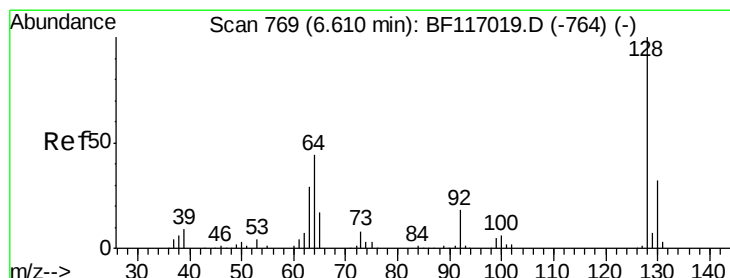
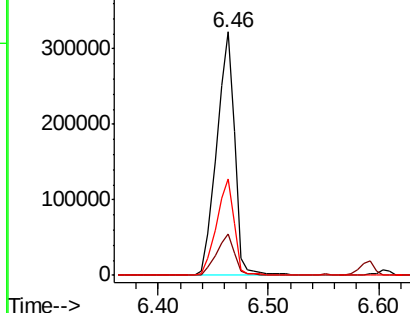
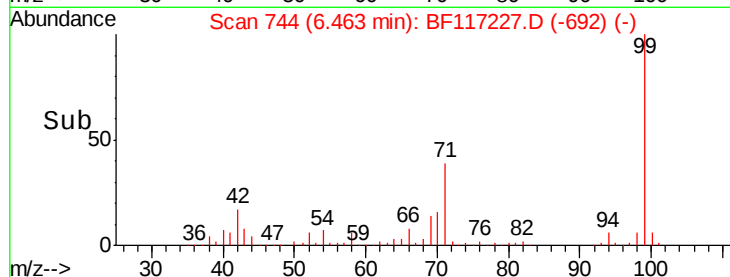
99 100

42 17.1 12.2 18.2

71 39.4 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.163 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

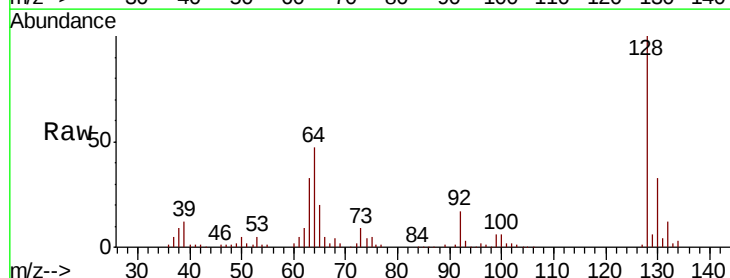
Tgt Ion: 128 Resp: 94420

Ion Ratio Lower Upper

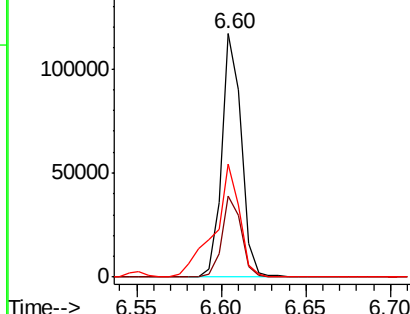
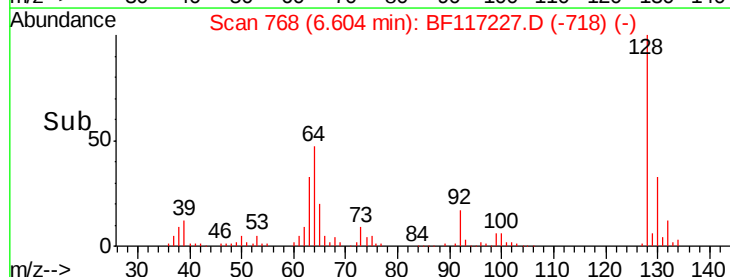
128 100

130 33.3 11.8 51.8

64 46.6 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

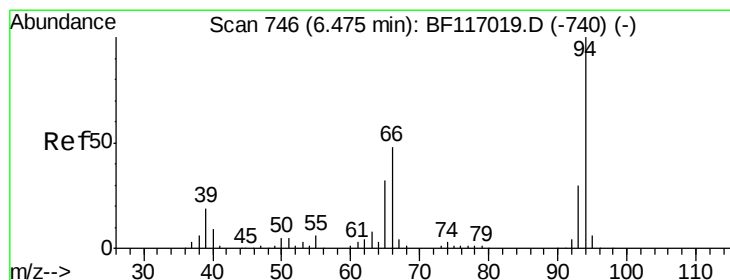
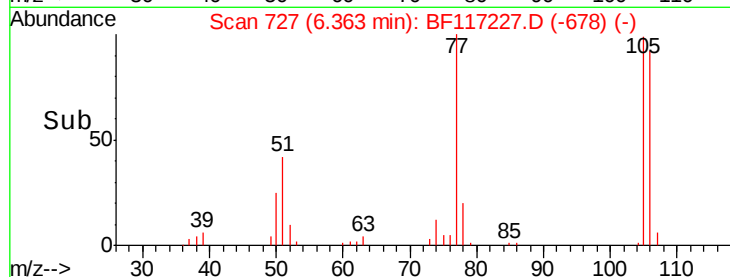
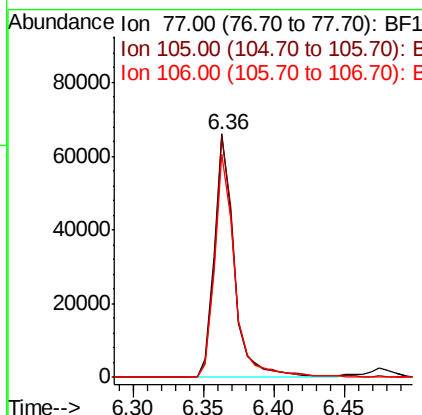
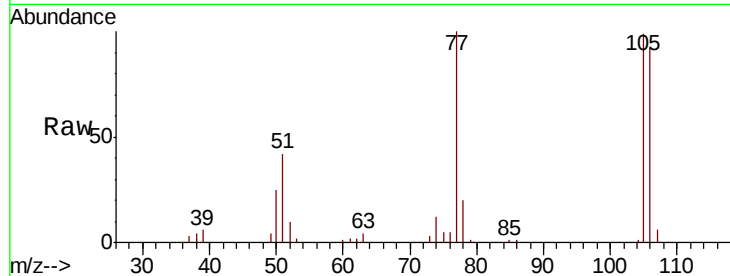




#9
Benzaldehyde
Concen: 62.808 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

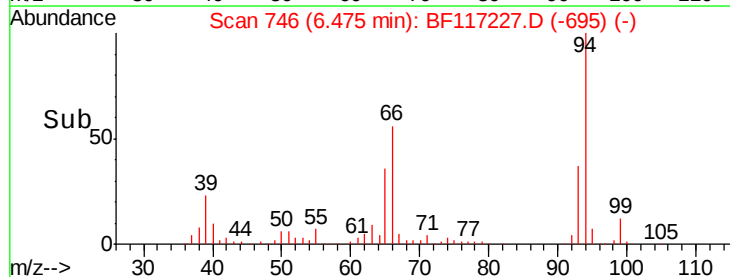
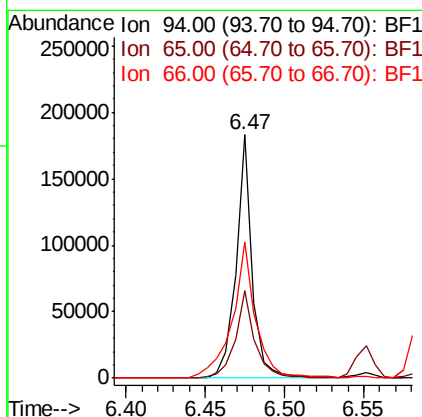
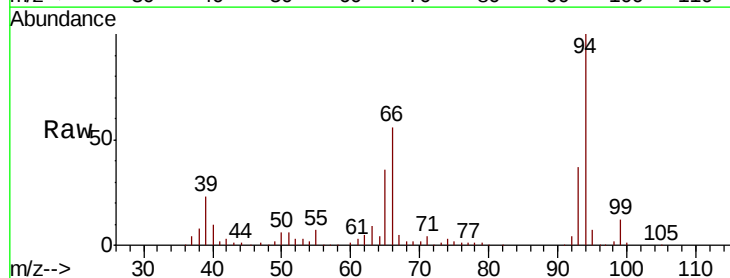
Instrument :
BNA_F
ClientSampled :

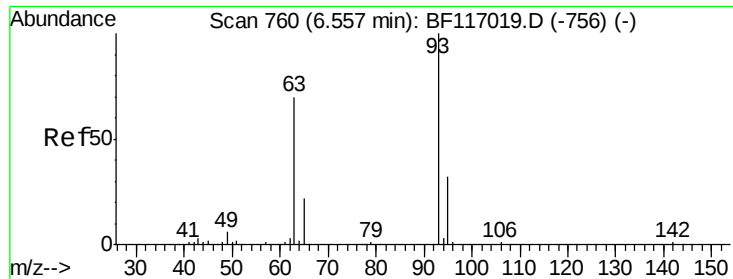
Tot Ion: 77 Resp: 64700
Ion Ratio Lower Upper
77 100
105 98.8 81.8 121.8
106 91.6 77.3 117.3



#10
Phenol
Concen: 52.581 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion: 94 Resp: 130704
Ion Ratio Lower Upper
94 100
65 35.8 12.5 52.5
66 55.9 28.9 68.9

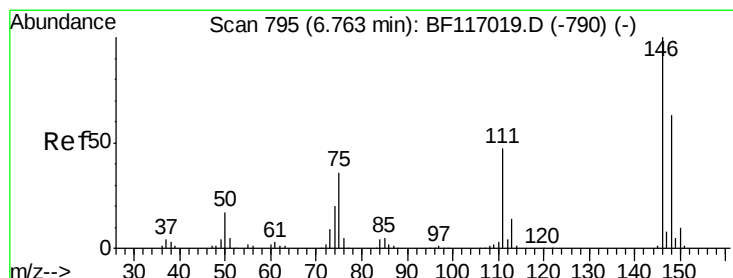
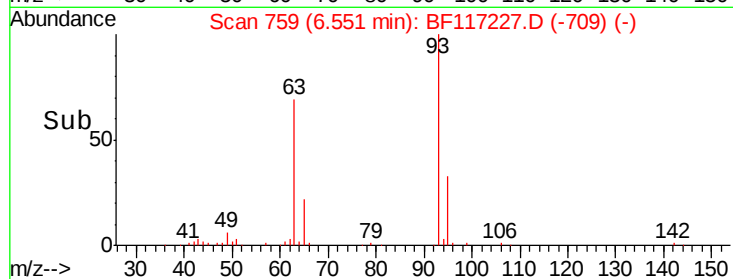
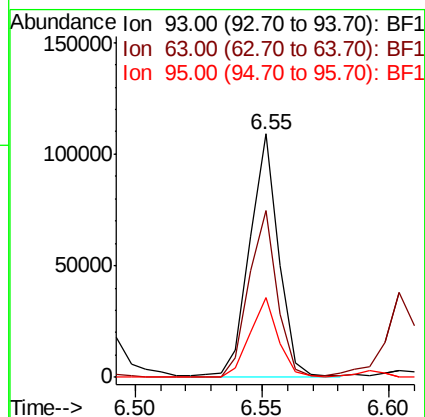
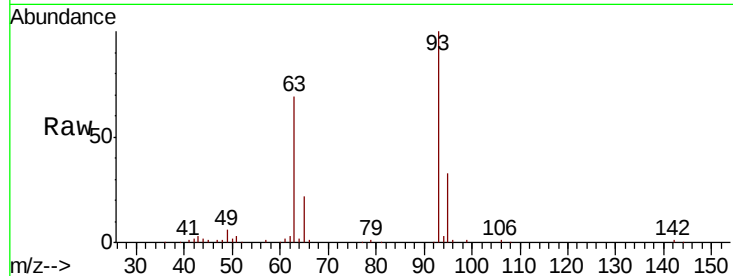




#11
bis(2-Chloroethyl)ether
Concen: 47.982 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

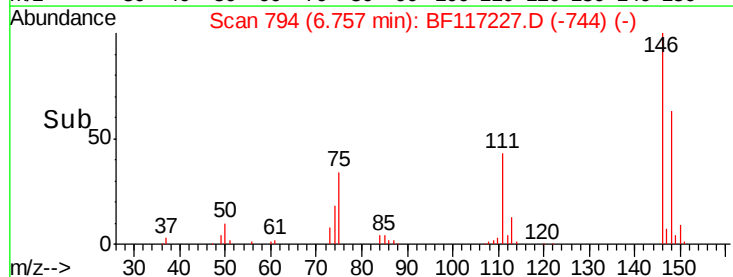
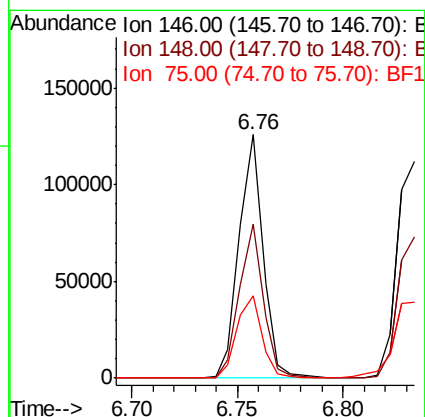
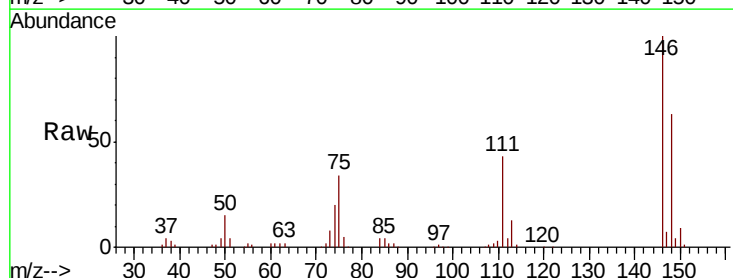
Instrument :
BNA_F
ClientSampled :

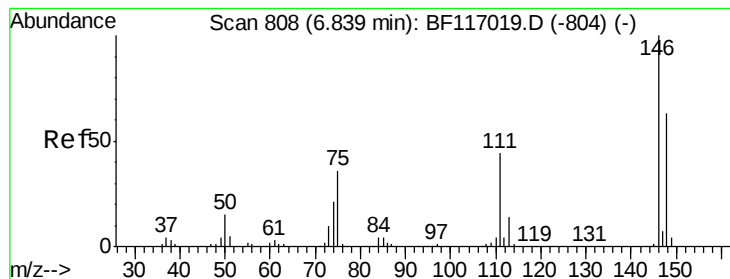
Tot Ion	93	Resp	87661
Ion	Ratio	Lower	Upper
93	100		
63	68.6	49.3	89.3
95	32.7	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 47.032 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	146	Resp	99337
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
75	34.1	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 46.863 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampled :

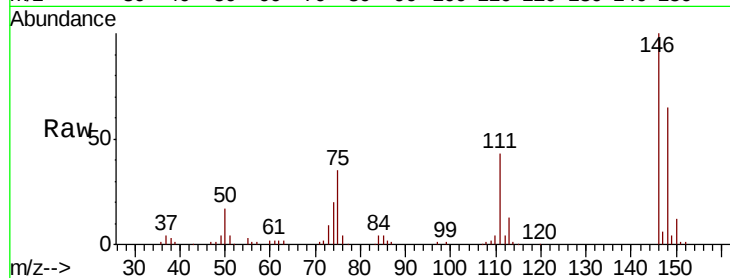
Tot Ion:146 Resp: 101011

Ion Ratio Lower Upper

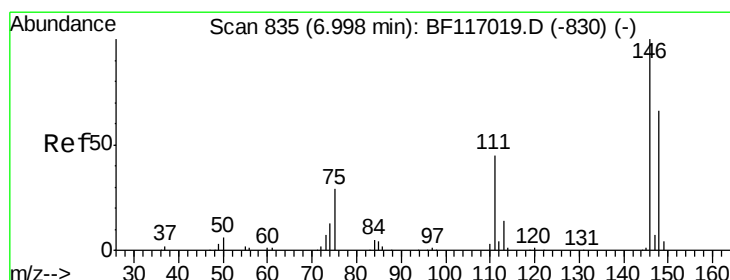
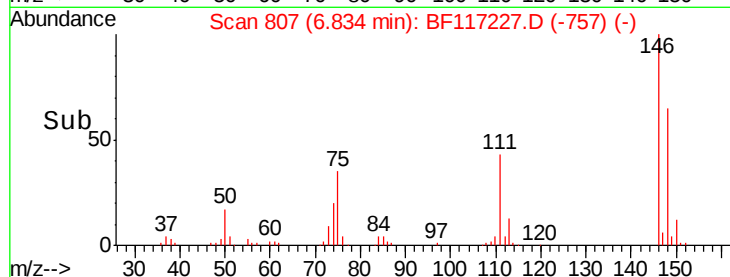
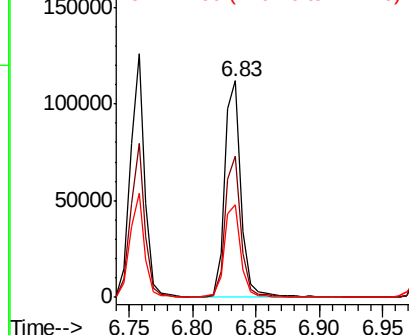
146 100

148 65.2 50.6 76.0

111 42.7 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.169 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

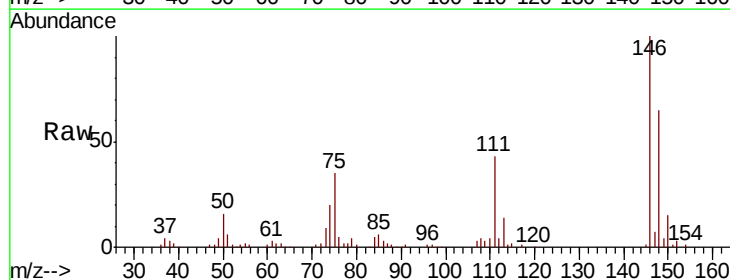
Tgt Ion:146 Resp: 94661

Ion Ratio Lower Upper

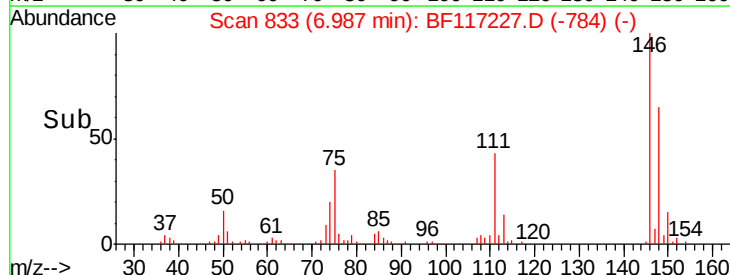
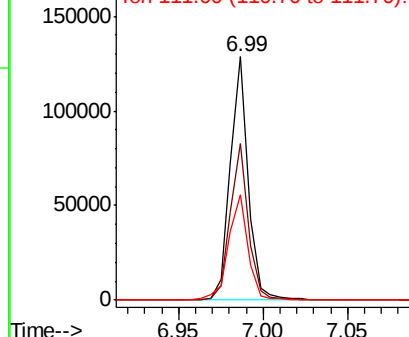
146 100

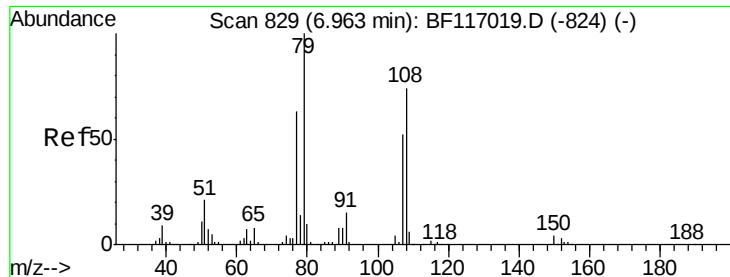
148 64.5 52.6 78.8

111 43.4 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.700 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampled :

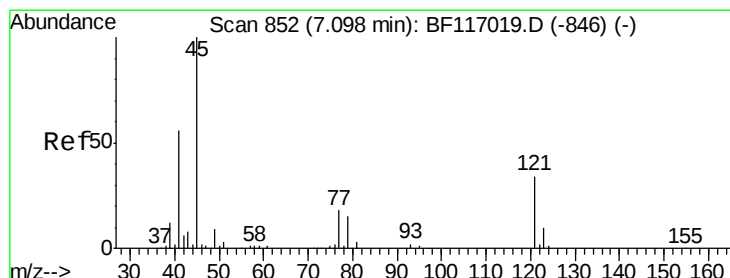
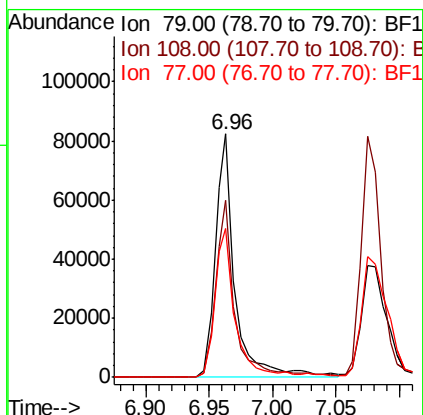
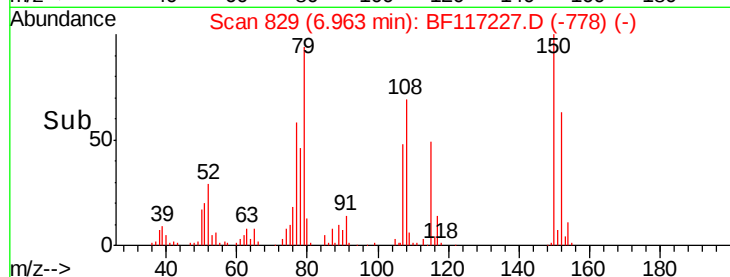
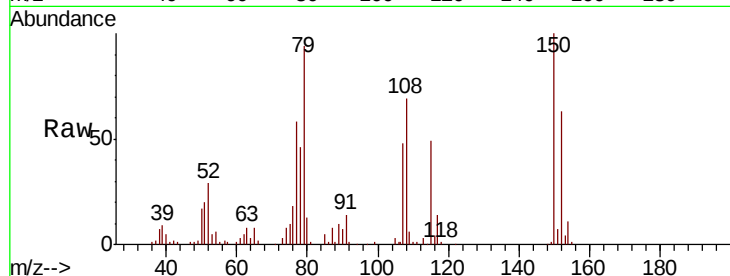
Tot Ion: 79 Resp: 89397

Ion Ratio Lower Upper

79 100

108 72.7 59.4 89.0

77 61.4 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.036 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

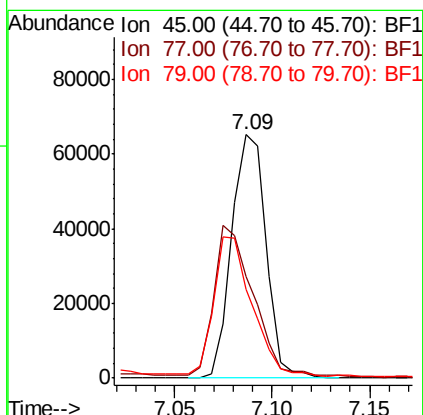
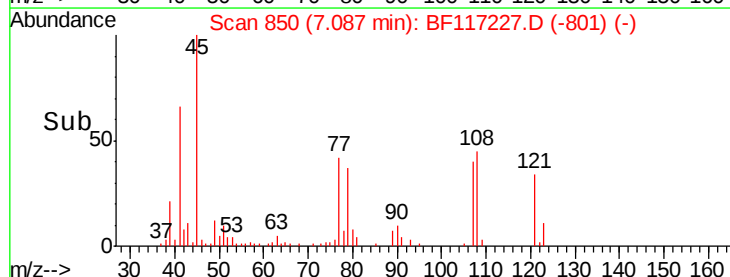
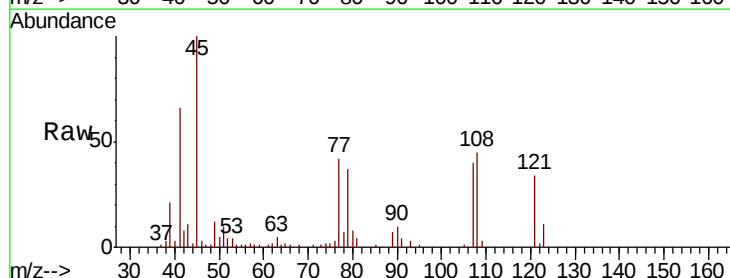
Tgt Ion: 45 Resp: 79484

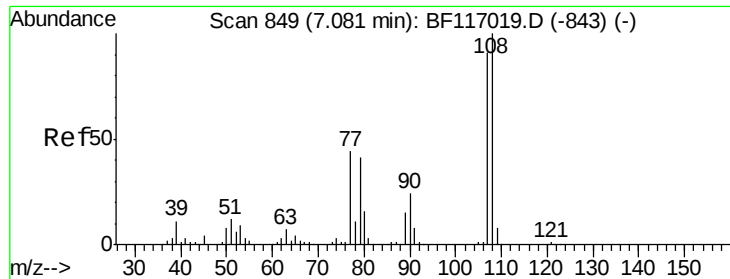
Ion Ratio Lower Upper

45 100

77 41.8 2.7 42.7

79 36.7 0.0 38.9

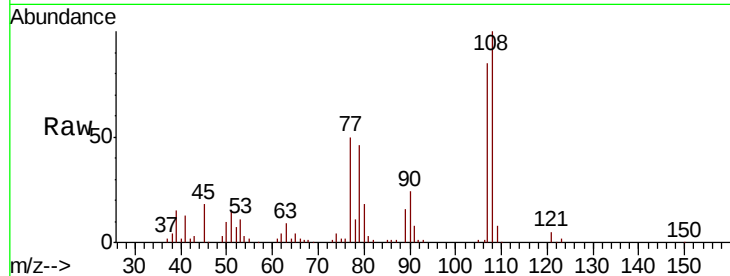




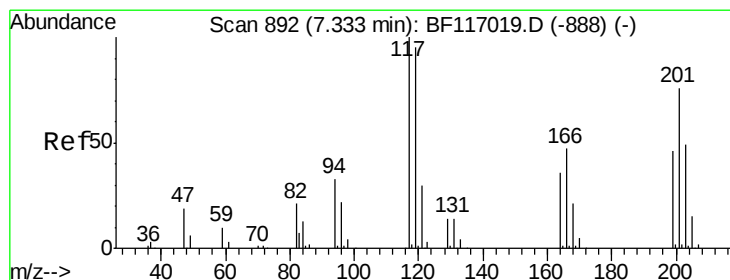
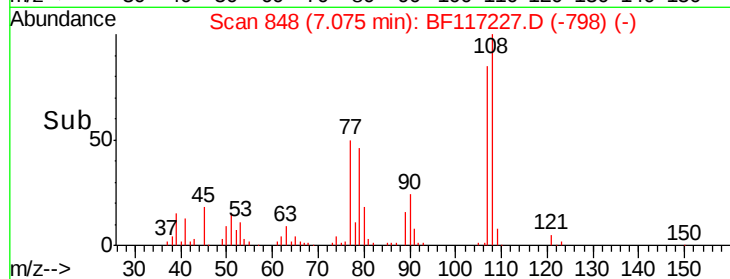
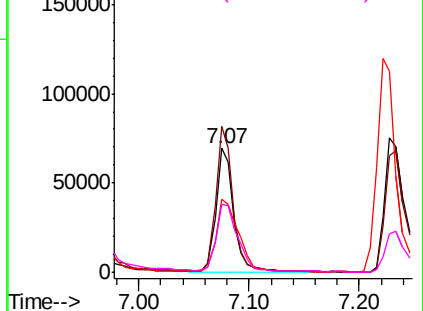
#17
2-Methylphenol
Concen: 49.358 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 77862
Ion Ratio Lower Upper
107 100
108 117.4 87.7 131.5
77 58.8 38.6 58.0#
79 54.3 36.8 55.2

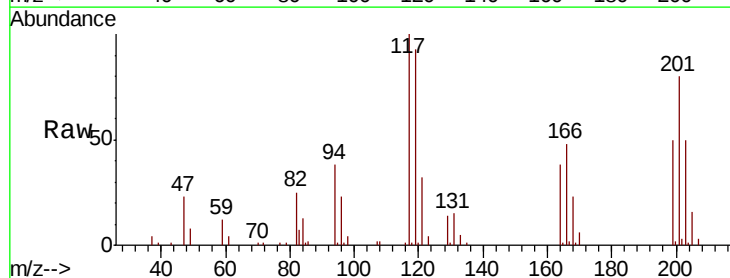


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

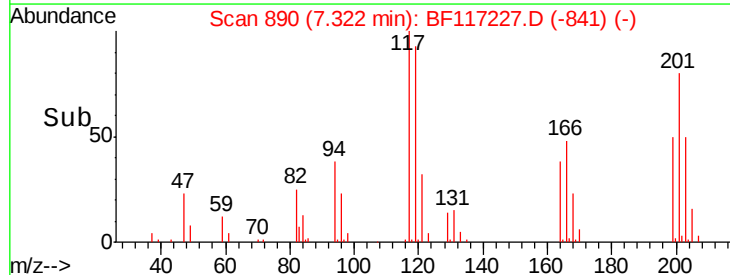
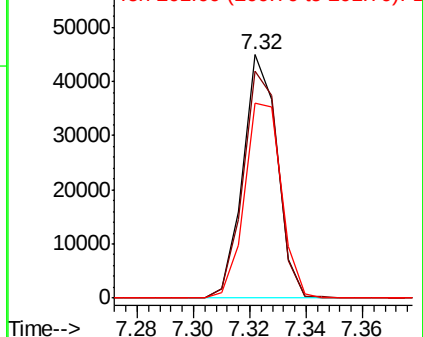


#18
Hexachloroethane
Concen: 45.461 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:117 Resp: 37697
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.8
201 80.2 60.9 91.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

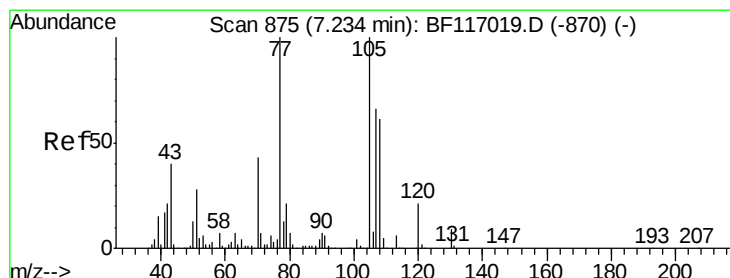
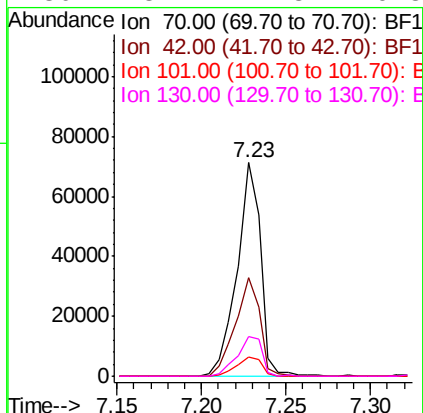
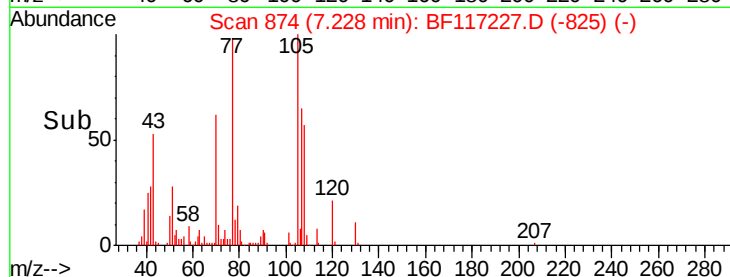
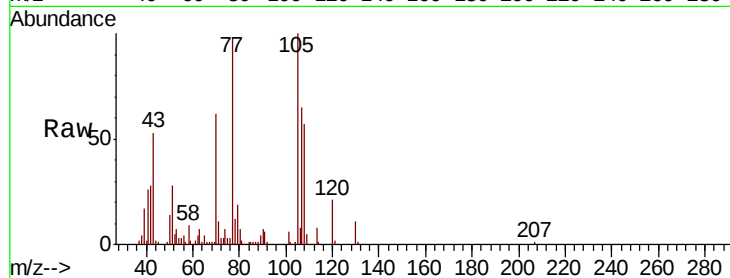




#19
n-Nitroso-di-n-propylamine
Concen: 50.549 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

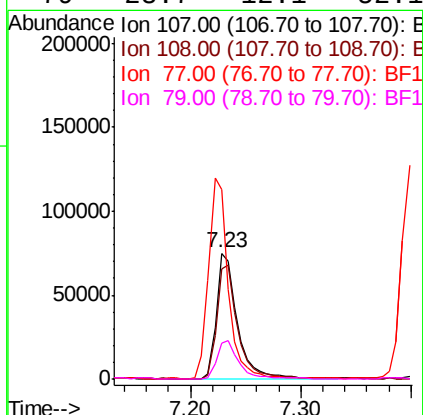
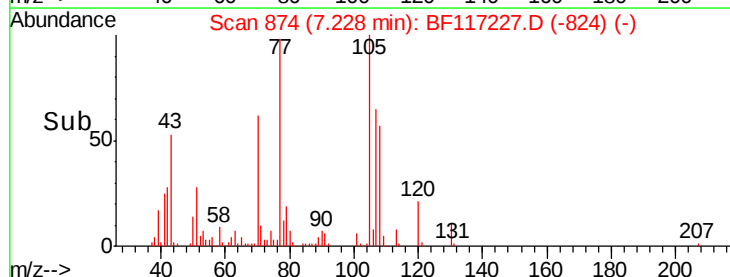
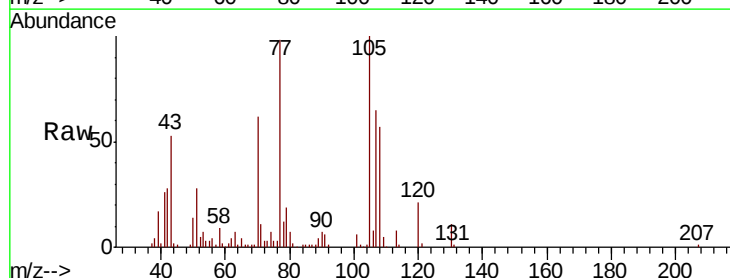
Instrument :
BNA_F
ClientSampled :

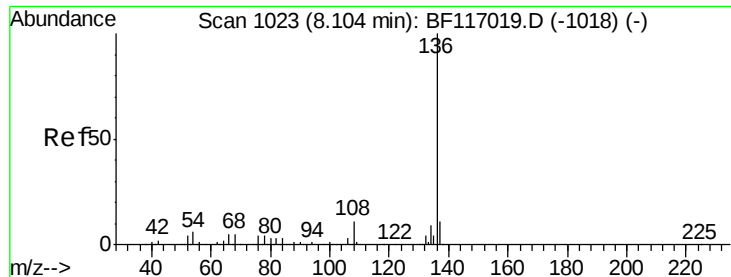
Tot Ion: 70 Resp: 69406
Ion Ratio Lower Upper
70 100
42 45.9 34.0 51.0
101 9.0 7.8 11.6
130 18.4 17.8 26.8



#20
3+4-Methylphenols
Concen: 50.984 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion: 107 Resp: 100180
Ion Ratio Lower Upper
107 100
108 87.4 72.6 112.6
77 150.4 132.1 172.1
79 28.7 12.1 52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 108625

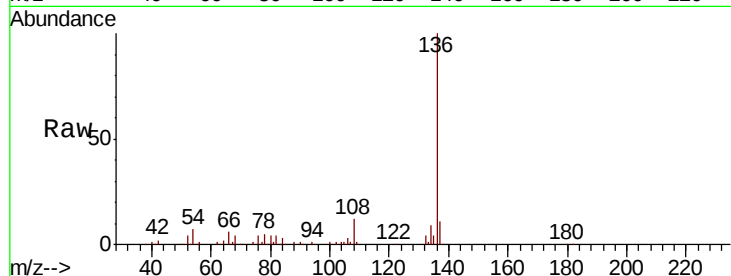
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.9 4.5 6.7#

68 4.4 4.0 6.0

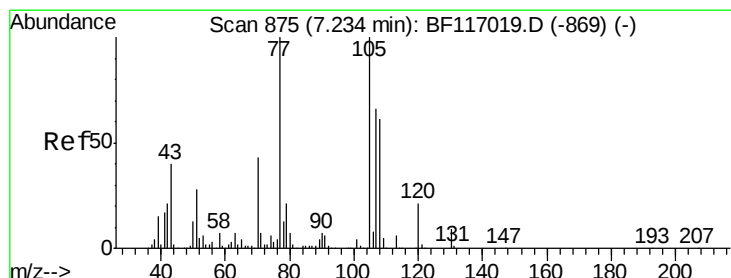
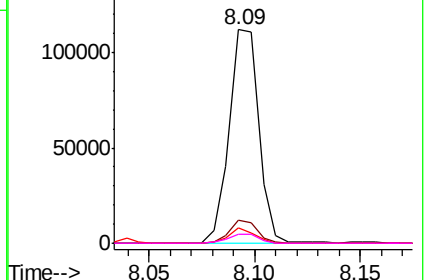
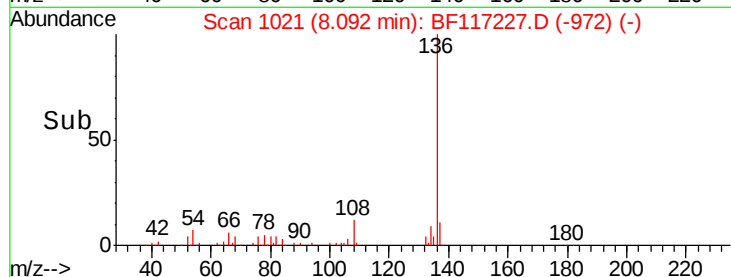


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 50.721 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Tgt Ion:105 Resp: 139981

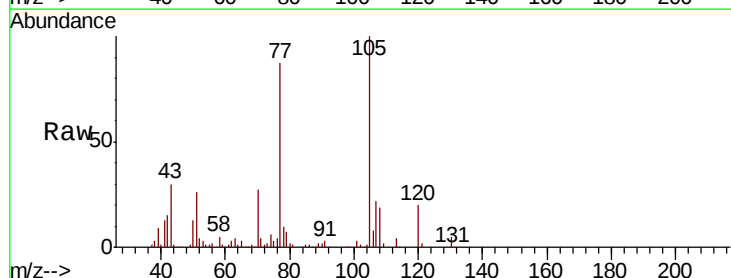
Ion Ratio Lower Upper

105 100

71 4.3 5.7 8.5#

51 25.8 22.1 33.1

120 20.1 17.1 25.7

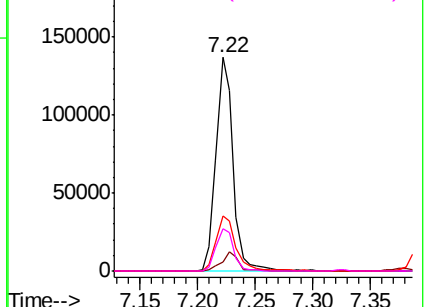
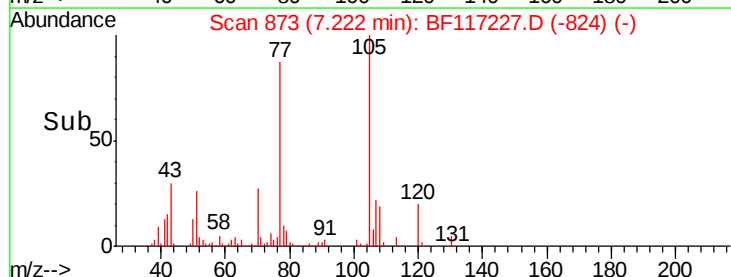


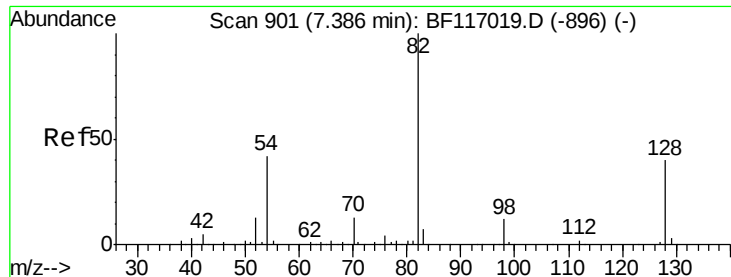
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

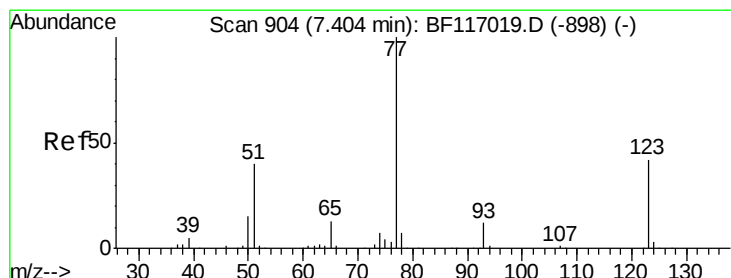
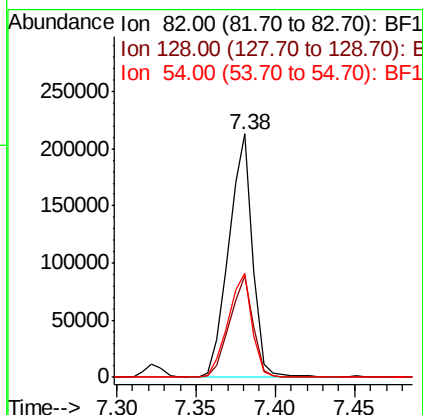
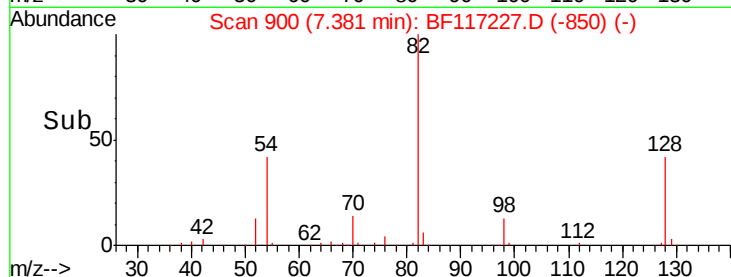
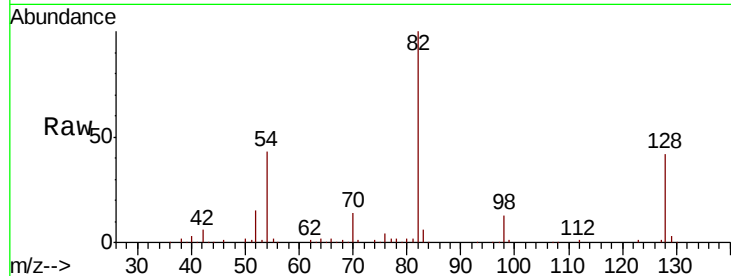




#23
 Nitrobenzene-d5
 Concen: 107.573 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

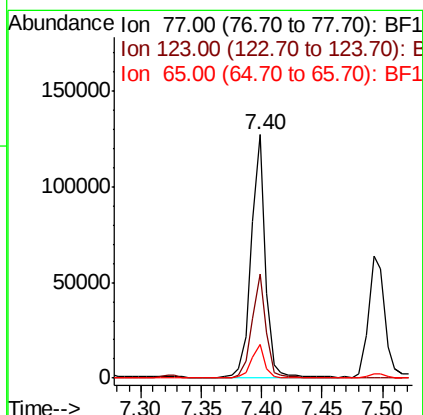
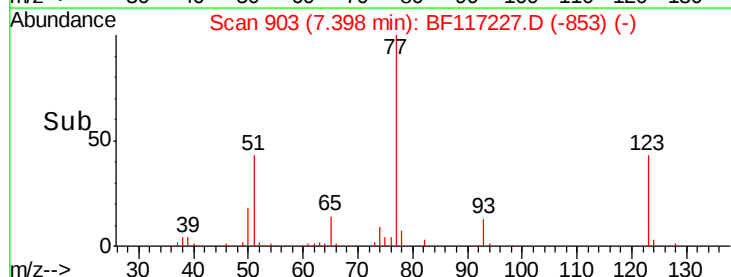
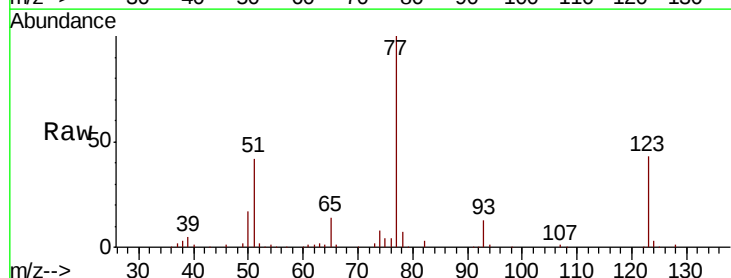
Instrument :
 BNA_F
 ClientSampleId :

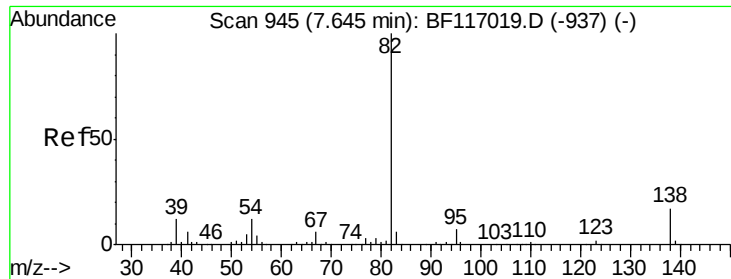
Tot Ion: 82 Resp: 222393
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.3 48.5
 54 42.7 33.3 49.9



#24
 Nitrobenzene
 Concen: 52.254 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion: 77 Resp: 106683
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.5 50.3
 65 13.9 10.5 15.7





#25

Isophorone

Concen: 51.015 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampled :

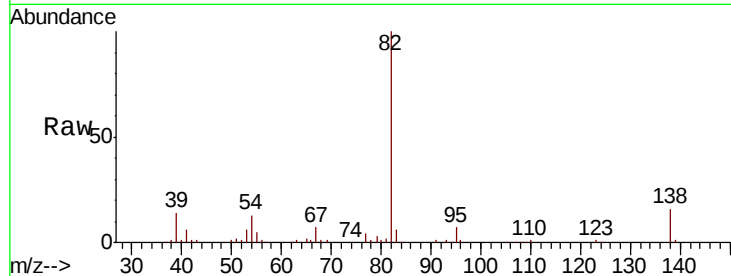
Tot Ion: 82 Resp: 186738

Ion Ratio Lower Upper

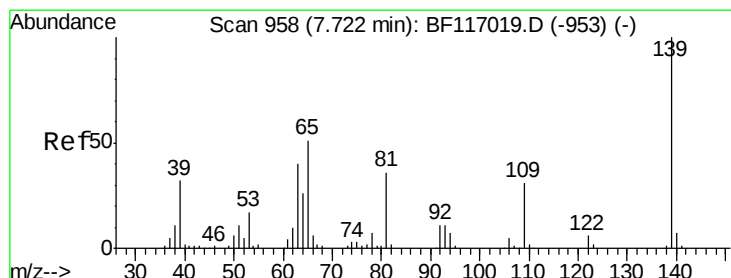
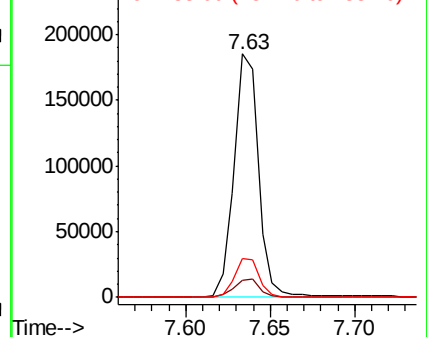
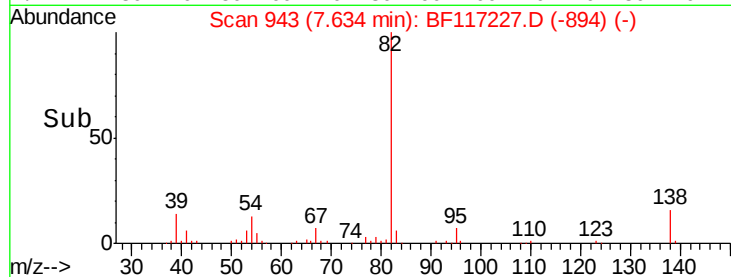
82 100

95 7.2 5.8 8.6

138 15.8 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.375 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

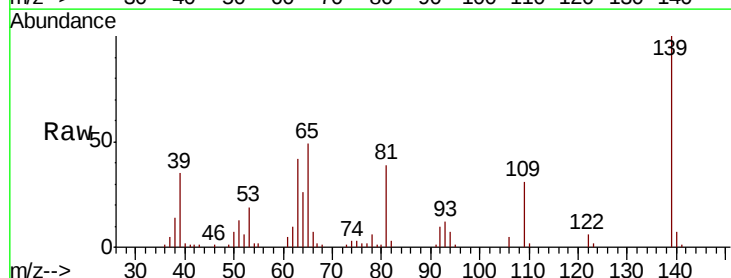
Tgt Ion: 139 Resp: 46807

Ion Ratio Lower Upper

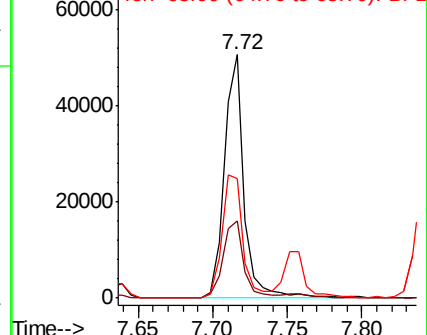
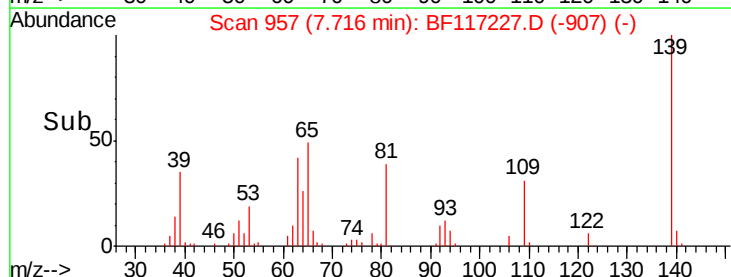
139 100

109 31.5 24.6 36.8

65 49.2 40.9 61.3



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 57.532 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampleId :

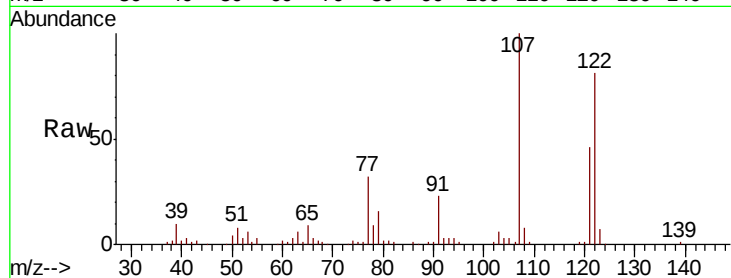
Tot Ion:122 Resp: 80008

Ion Ratio Lower Upper

122 100

107 123.2 98.9 148.3

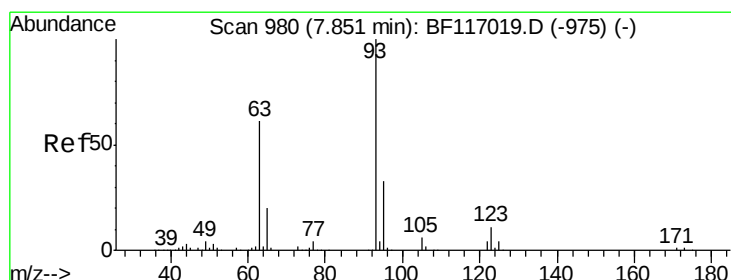
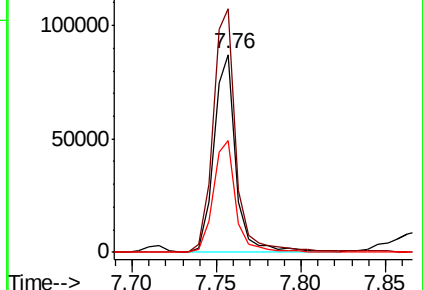
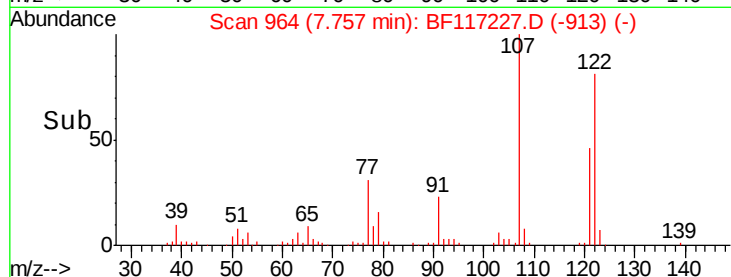
121 56.2 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.512 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

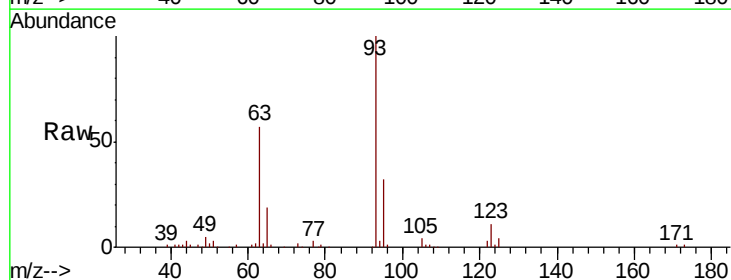
Tgt Ion: 93 Resp: 107151

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

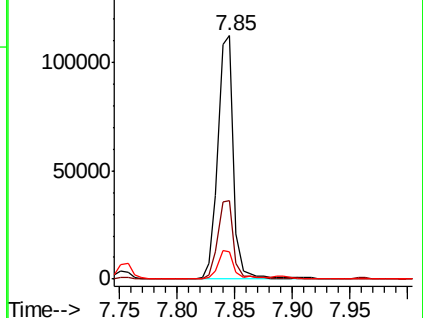
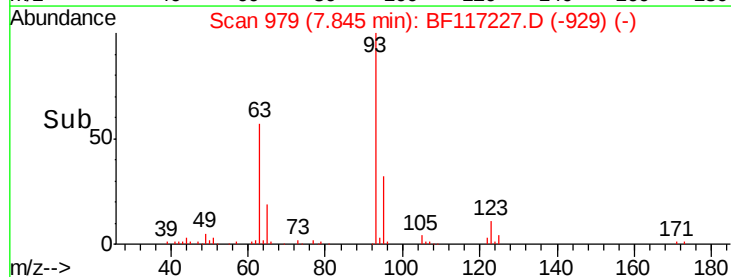
123 11.4 9.0 13.6

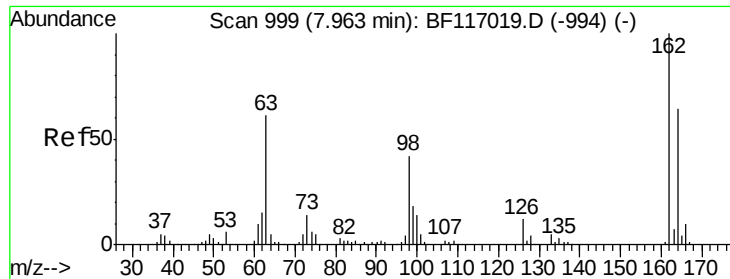


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

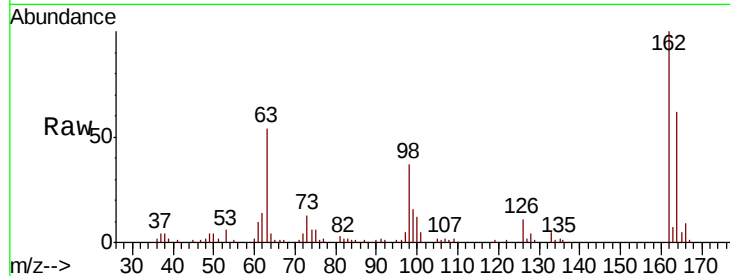




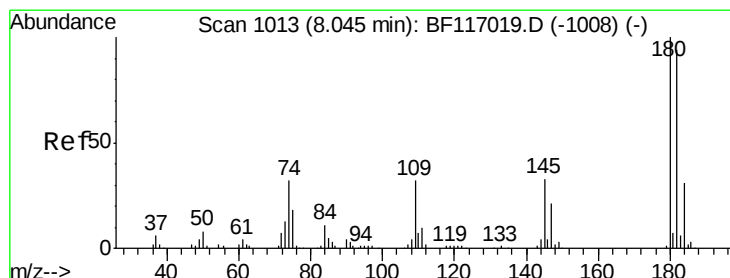
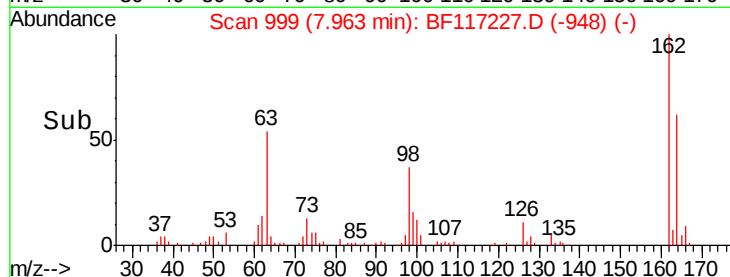
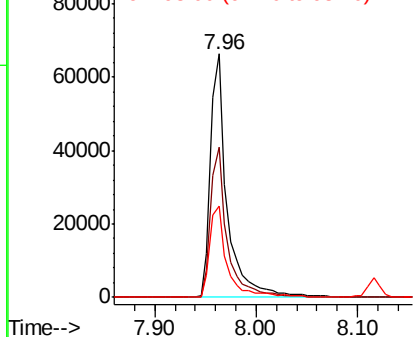
#29
2,4-Dichlorophenol
Concen: 52.221 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 76094
Ion Ratio Lower Upper
162 100
164 61.8 43.8 83.8
98 37.4 22.1 62.1

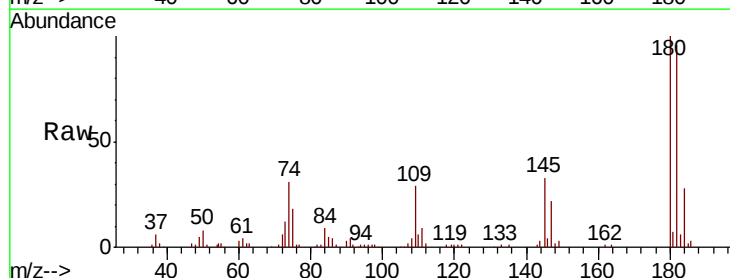


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

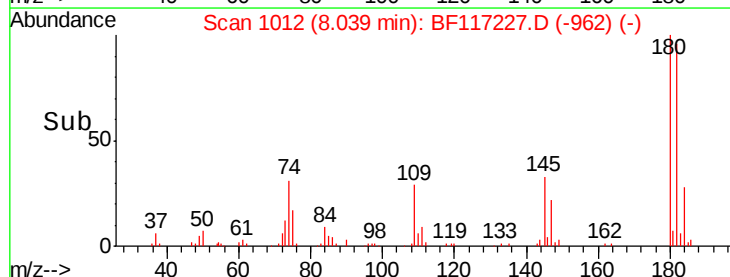
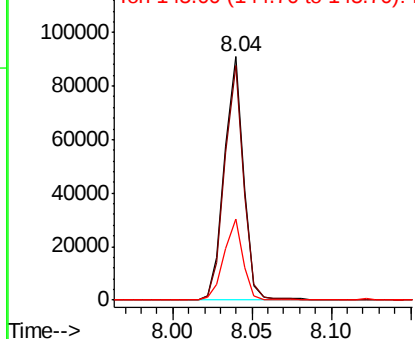


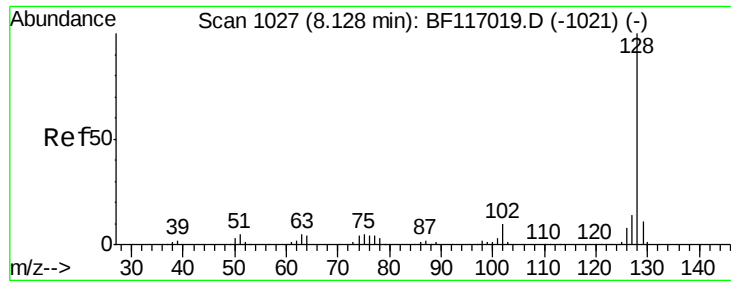
#30
1,2,4-Trichlorobenzene
Concen: 48.653 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:180 Resp: 76592
Ion Ratio Lower Upper
180 100
182 96.4 75.4 113.0
145 33.3 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

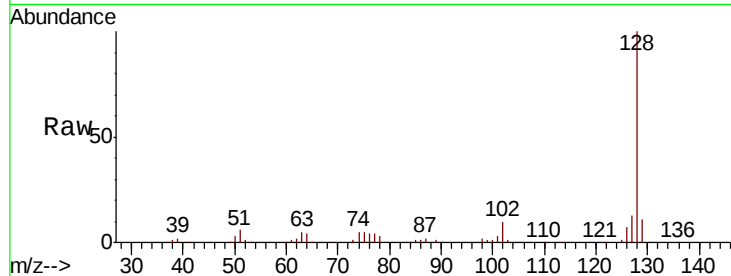




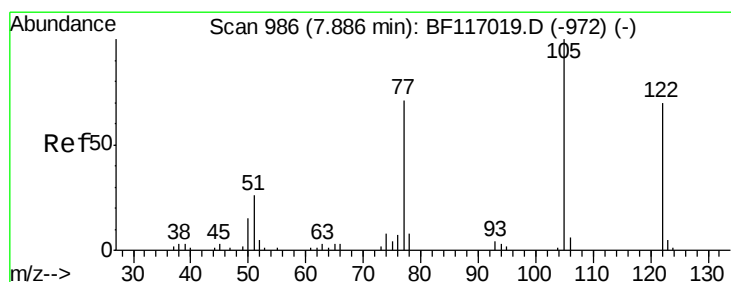
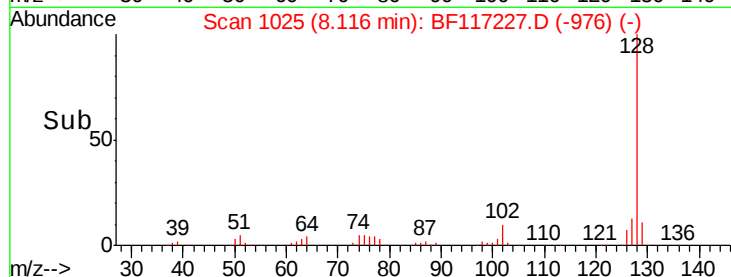
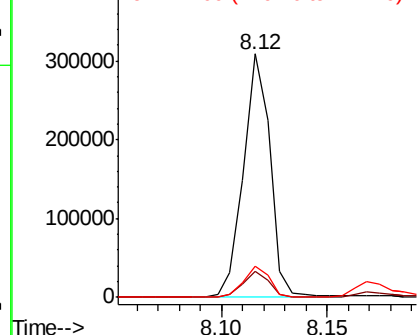
#31
Naphthalene
Concen: 51.641 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 269784
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.6 10.8 16.2

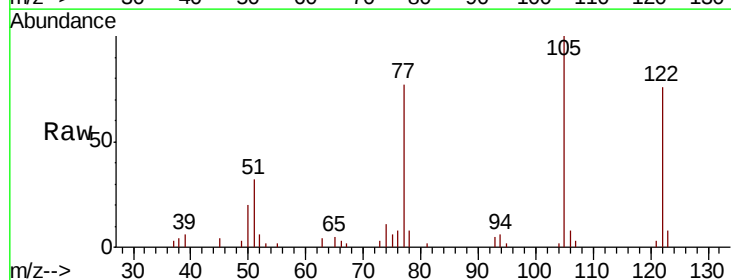


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

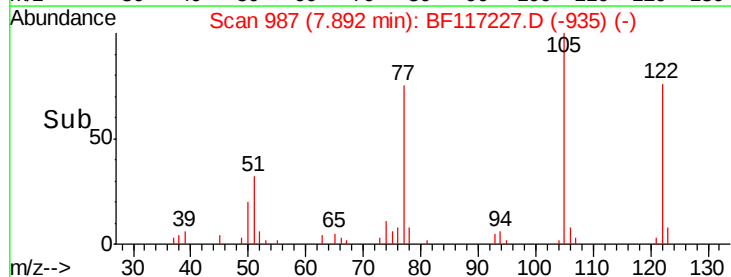
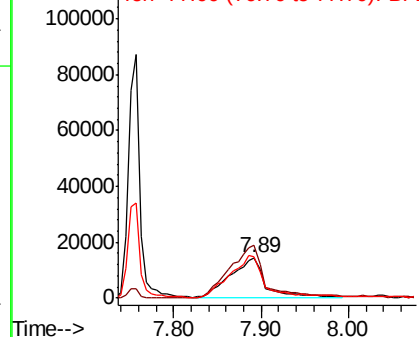


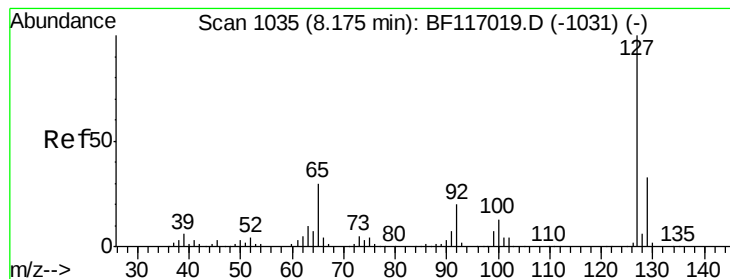
#32
Benzoic acid
Concen: 37.404 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:122 Resp: 37504
Ion Ratio Lower Upper
122 100
105 130.9 114.8 154.8
77 101.0 78.7 118.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.970 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 30052

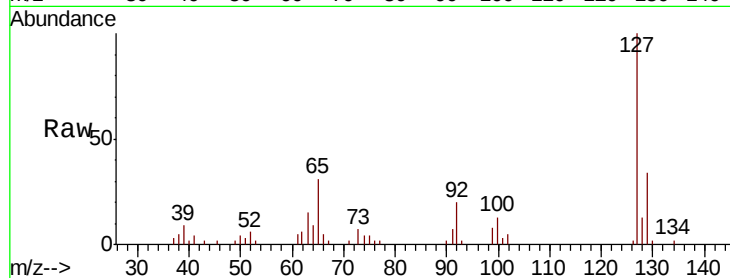
Ion Ratio Lower Upper

127 100

129 34.0 26.2 39.2

65 31.2 23.5 35.3

92 20.0 15.9 23.9

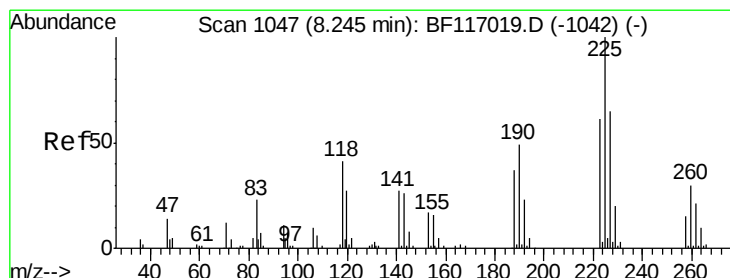
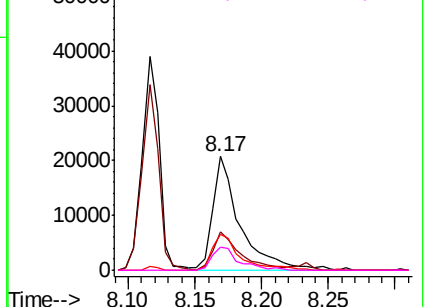
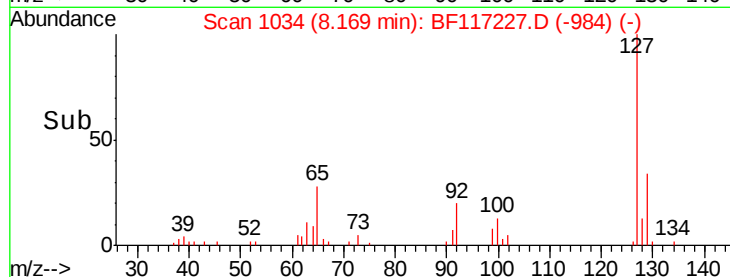


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 48.468 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

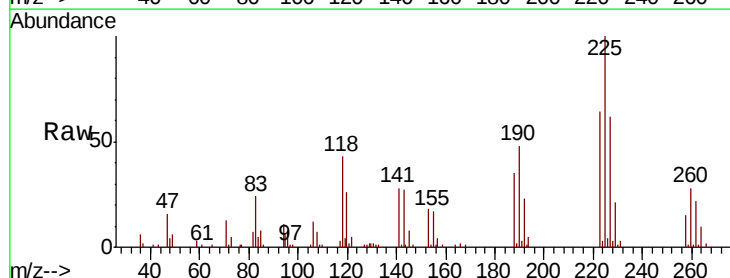
Tgt Ion:225 Resp: 43290

Ion Ratio Lower Upper

225 100

223 64.2 49.1 73.7

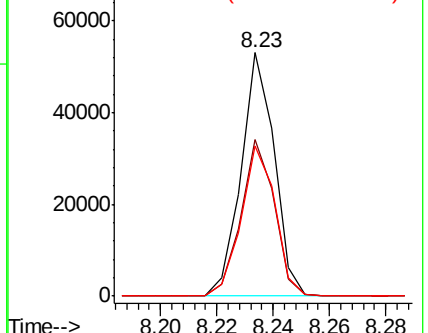
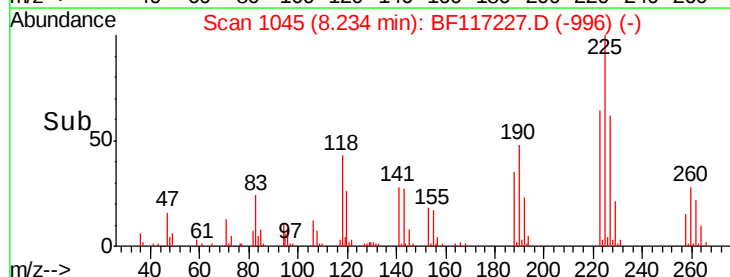
227 61.6 52.2 78.2

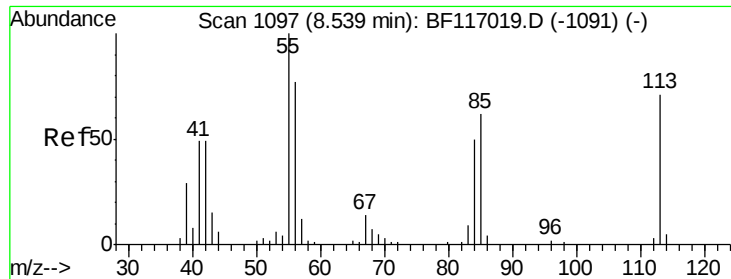


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

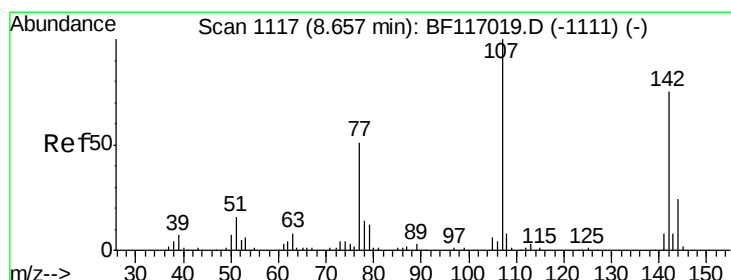
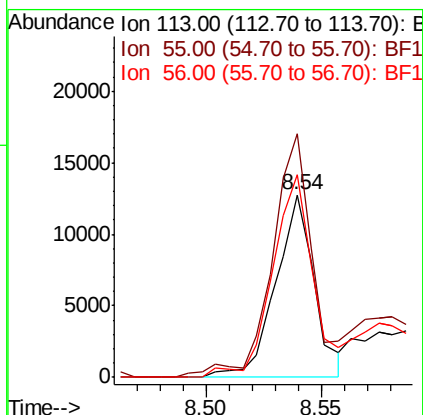
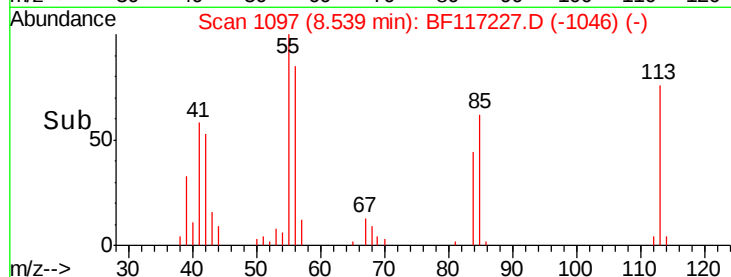
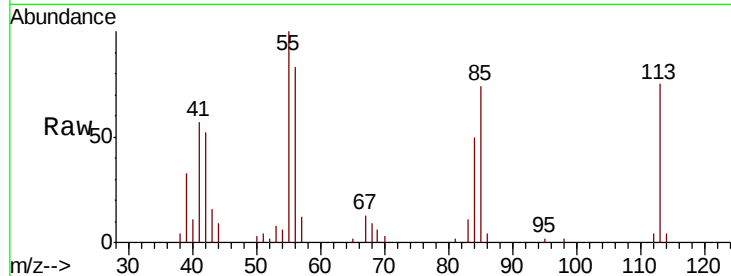




#35
Caprolactam
Concen: 29.835 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

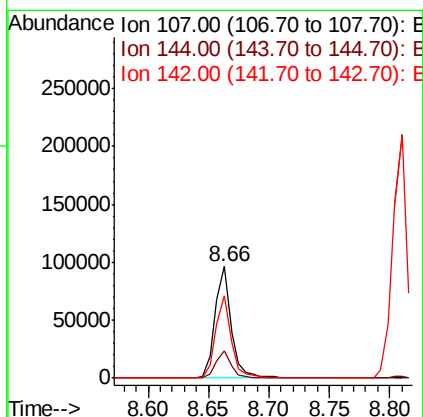
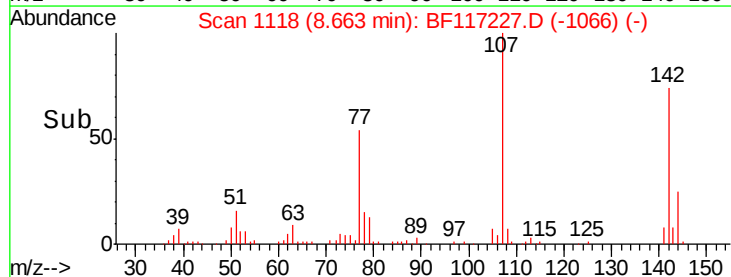
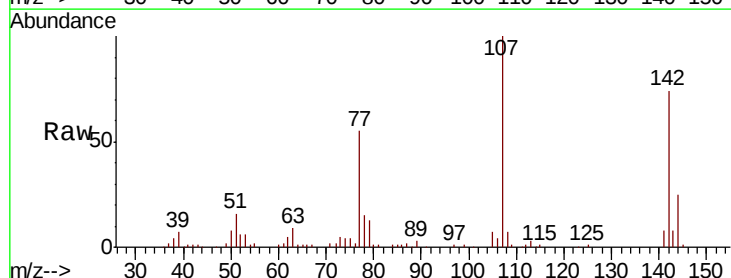
Instrument :
BNA_F
ClientSampled :

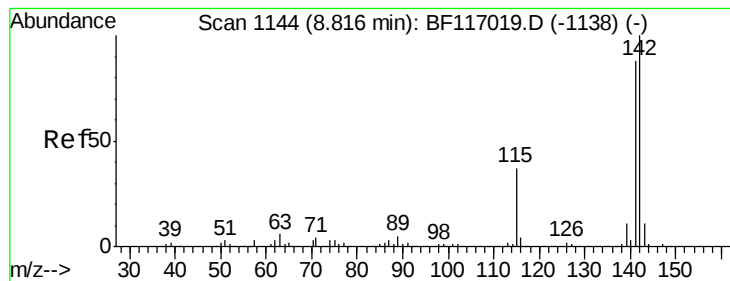
Tot Ion:113 Resp: 14715
Ion Ratio Lower Upper
113 100
55 133.5 120.6 160.6
56 110.8 88.8 128.8



#36
4-Chloro-3-methylphenol
Concen: 52.554 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:107 Resp: 89292
Ion Ratio Lower Upper
107 100
144 24.6 19.2 28.8
142 73.7 59.6 89.4





#37

2-Methylnaphthalene

Concen: 51.254 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampleId :

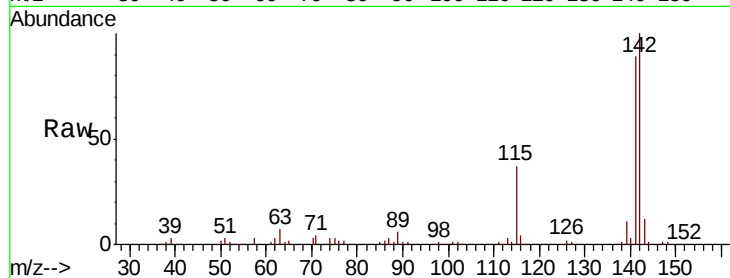
Tot Ion:142 Resp: 180309

Ion Ratio Lower Upper

142 100

141 88.9 70.7 106.1

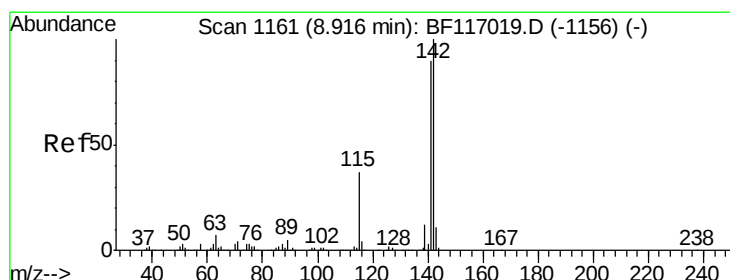
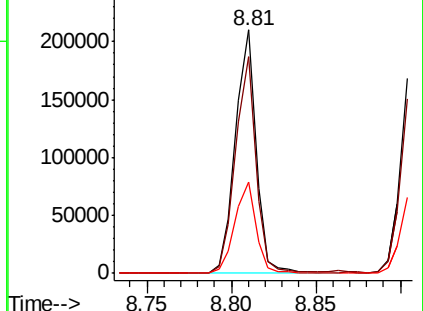
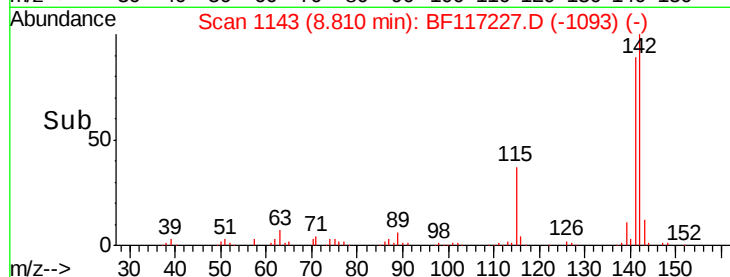
115 37.4 29.4 44.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.692 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

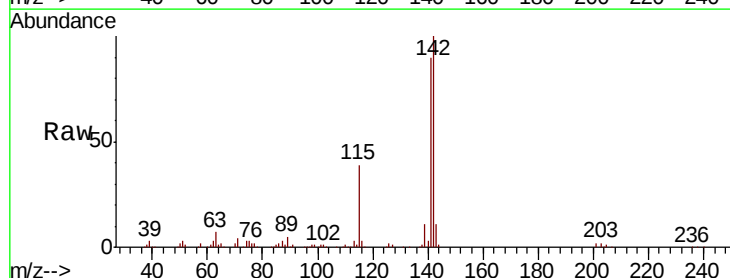
Tgt Ion:142 Resp: 170315

Ion Ratio Lower Upper

142 100

141 90.4 71.9 107.9

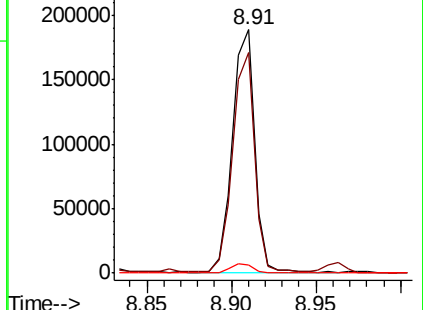
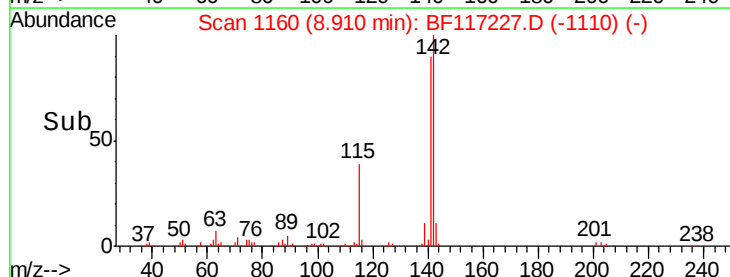
116 3.5 3.2 4.8

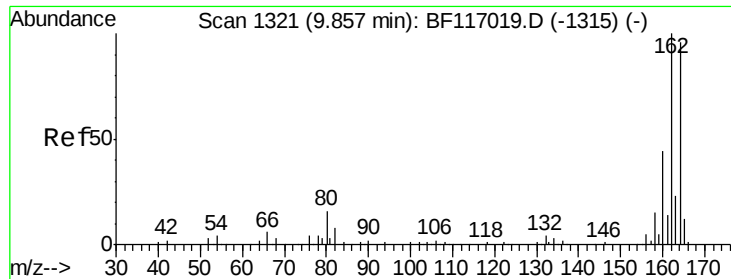


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

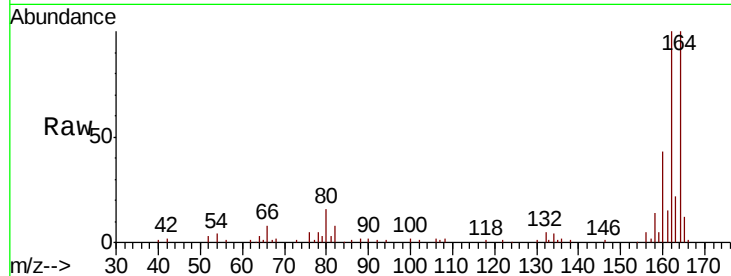




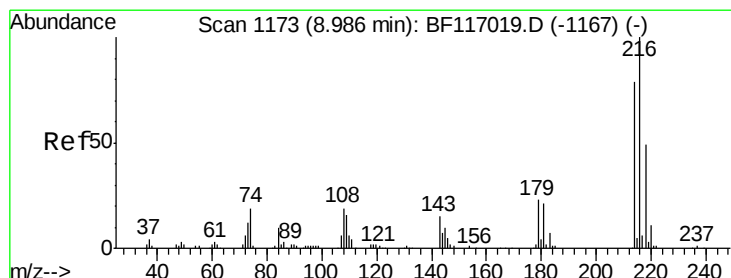
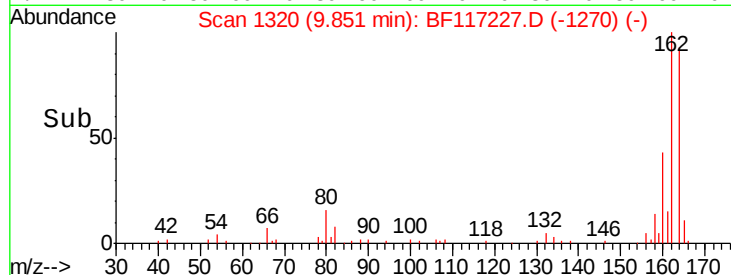
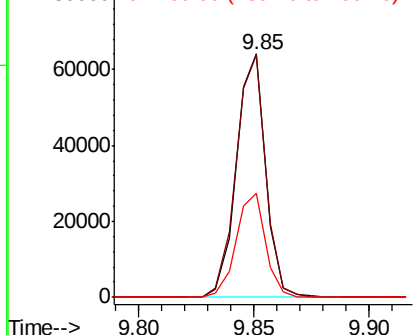
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 56252
Ion Ratio Lower Upper
164 100
162 99.6 83.4 125.2
160 42.8 36.4 54.6

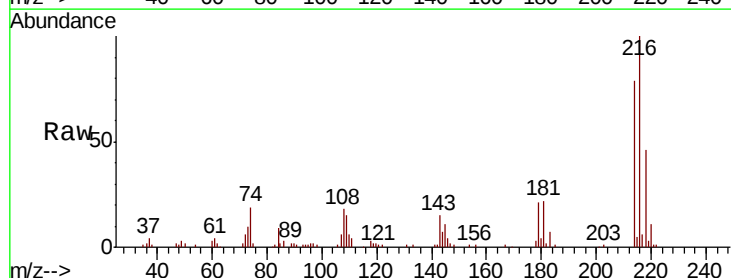


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

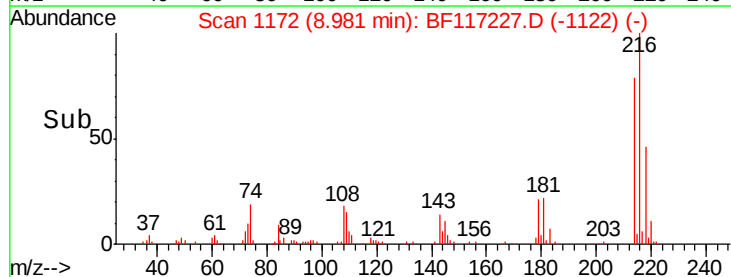
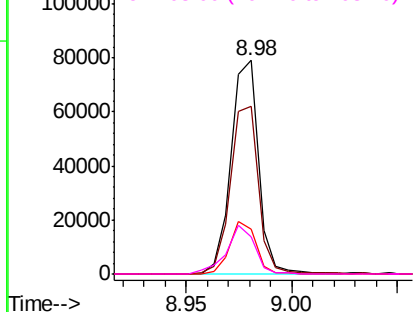


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.877 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:216 Resp: 70997
Ion Ratio Lower Upper
216 100
214 80.4 63.6 95.4
179 23.6 18.3 27.5
108 23.4 17.8 26.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.942 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampleId :

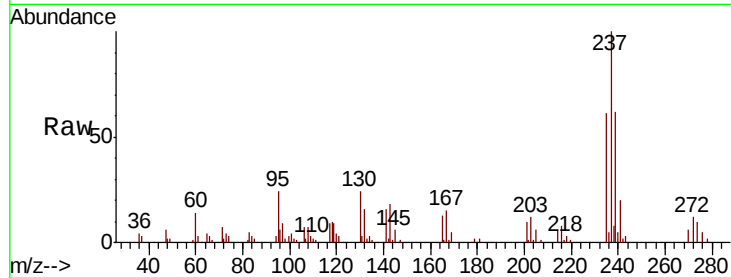
Tot Ion:237 Resp: 37087

Ion Ratio Lower Upper

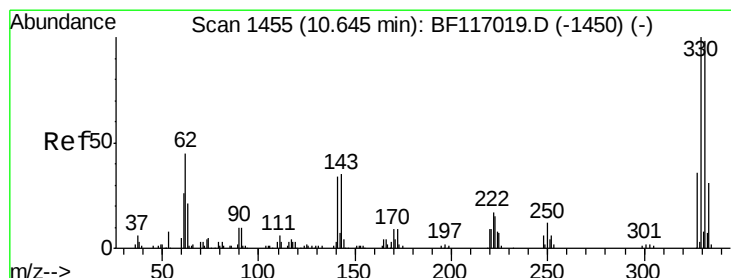
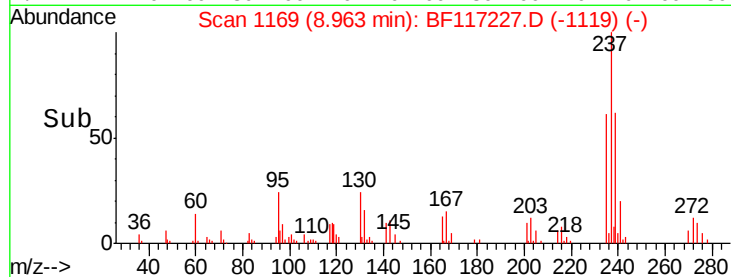
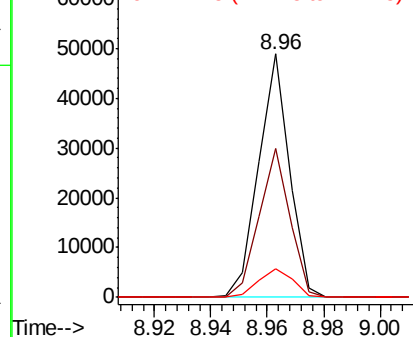
237 100

235 61.3 43.2 83.2

272 11.5 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 144.500 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

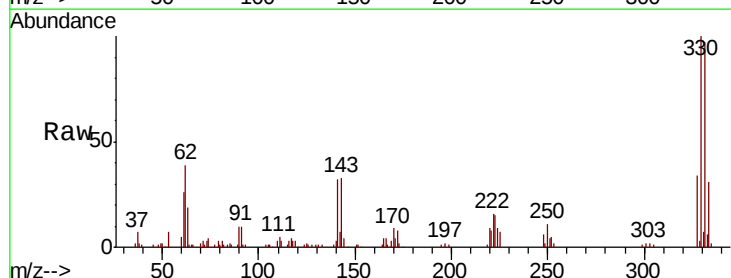
Tgt Ion:330 Resp: 67935

Ion Ratio Lower Upper

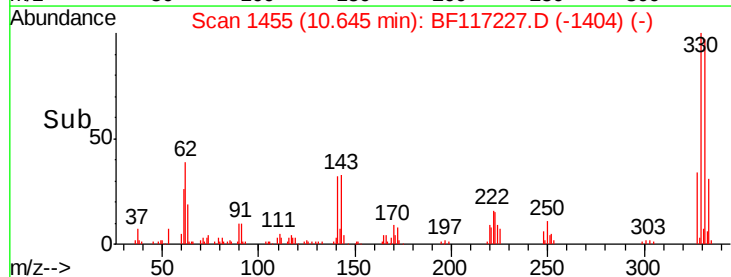
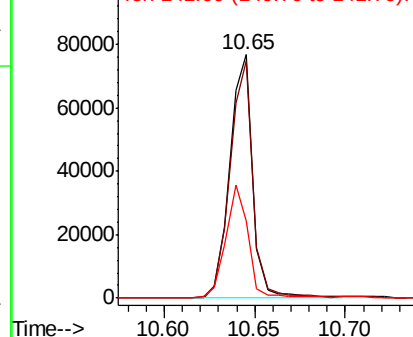
330 100

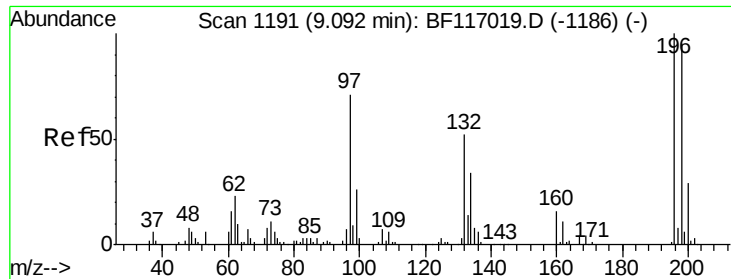
332 98.3 78.0 117.0

141 45.7 35.8 53.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

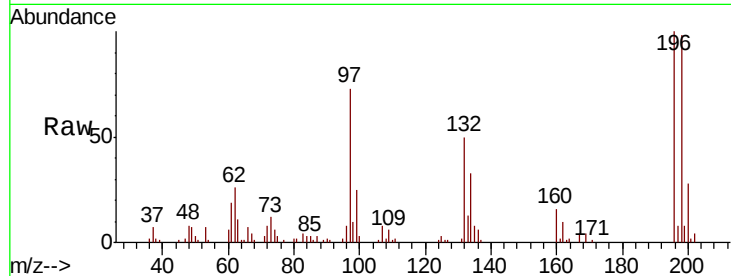




#43
 2,4,6-Trichlorophenol
 Concen: 49.028 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

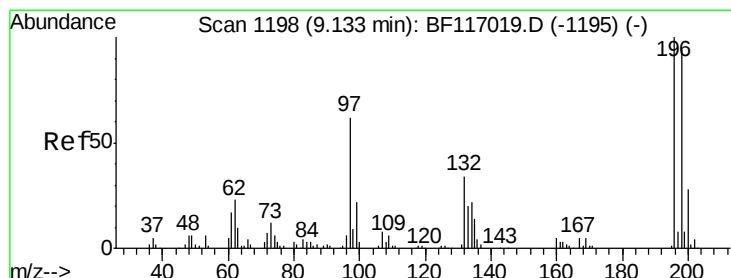
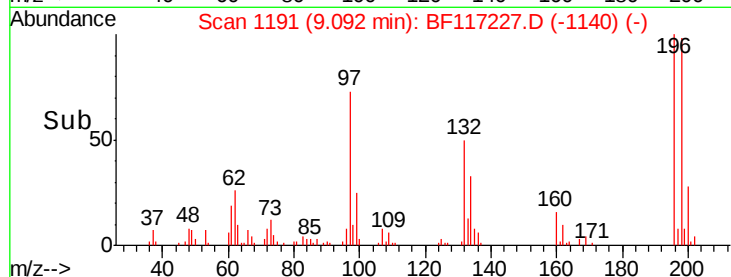
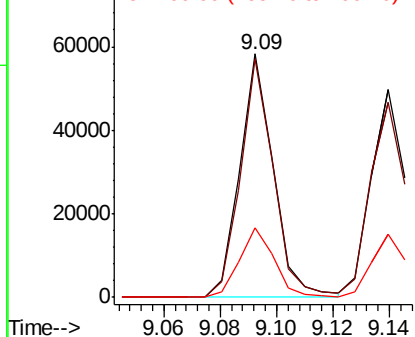
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 48330
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.7 113.5
 200 28.4 23.3 34.9



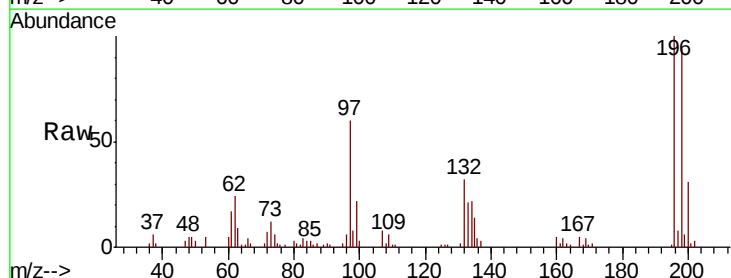
Abundance

Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



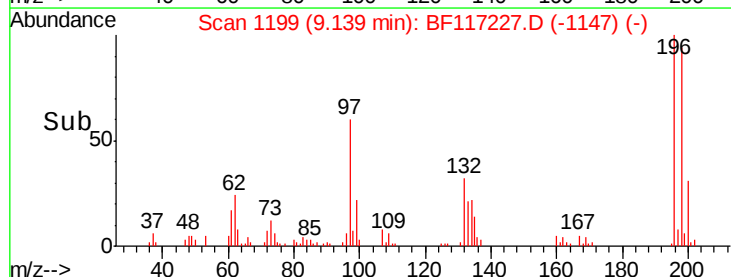
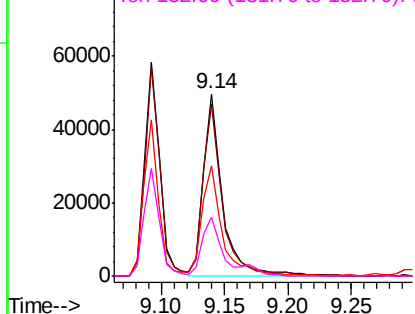
#44
 2,4,5-Trichlorophenol
 Concen: 49.412 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

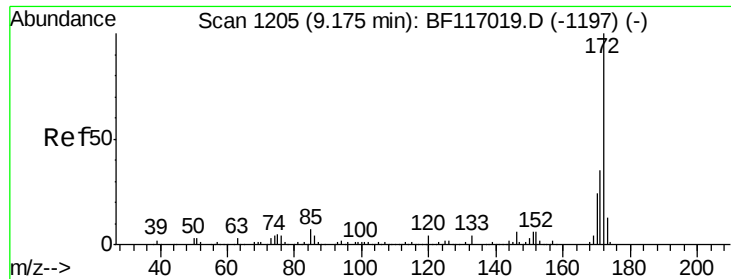
Tgt Ion:196 Resp: 52041
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.6 112.0
 97 60.5 49.5 74.3
 132 32.3 27.4 41.2



Abundance

Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

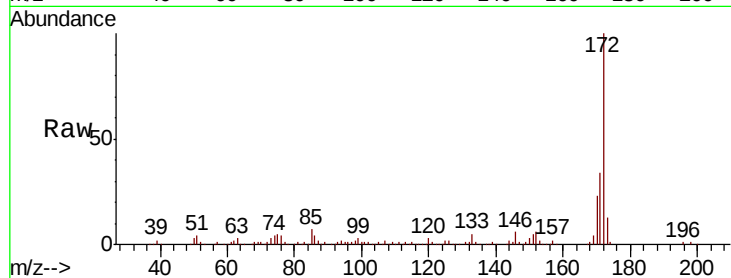




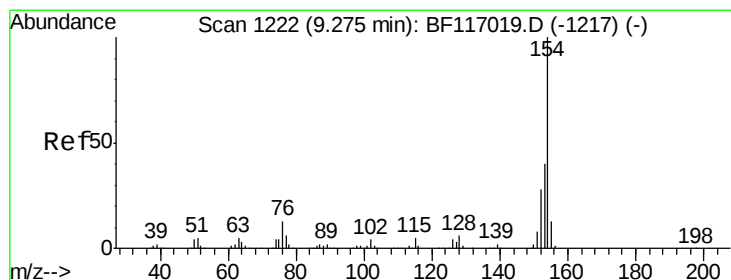
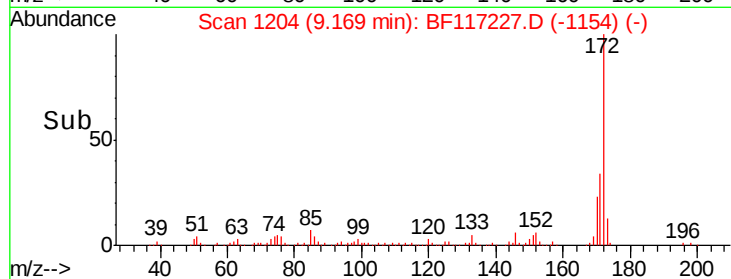
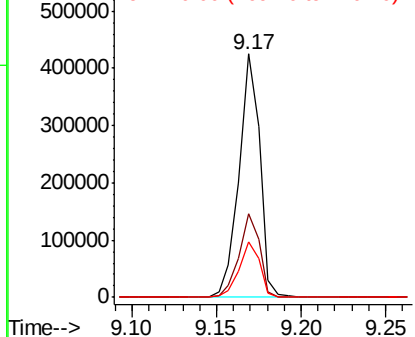
#45
2-Fluorobiphenyl
Concen: 101.296 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 364428
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.6 18.9 28.3

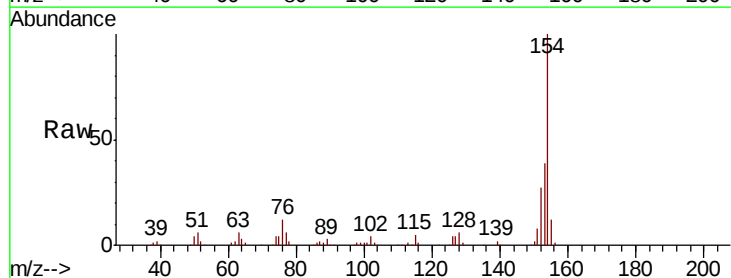


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

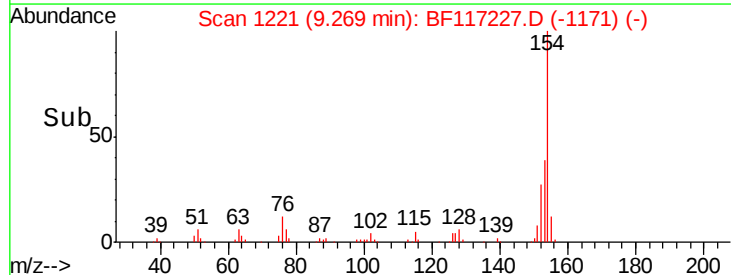
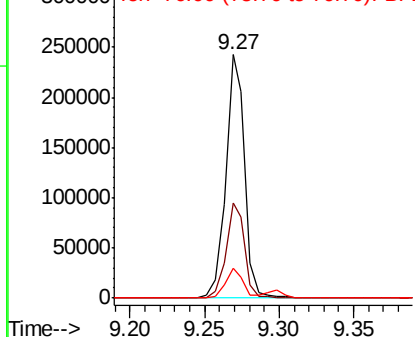


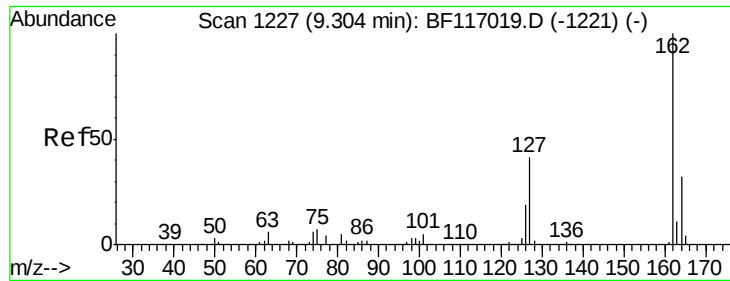
#46
1,1'-Biphenyl
Concen: 49.084 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:154 Resp: 216581
Ion Ratio Lower Upper
154 100
153 39.2 20.0 60.0
76 12.2 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

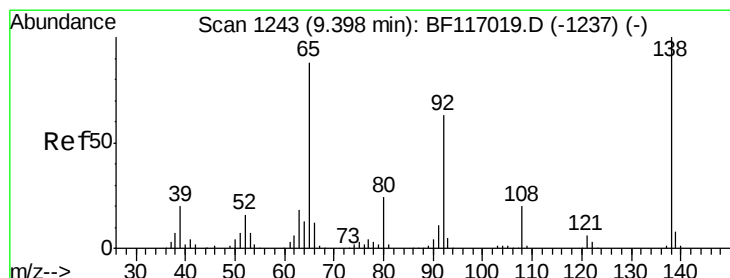
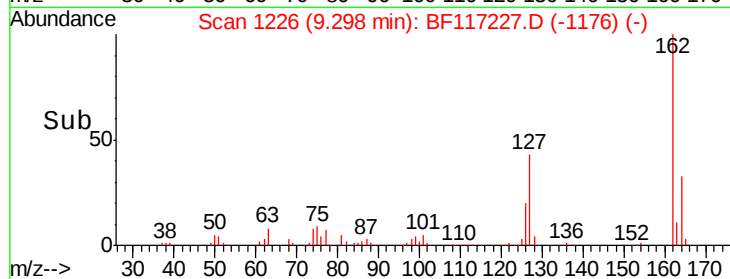
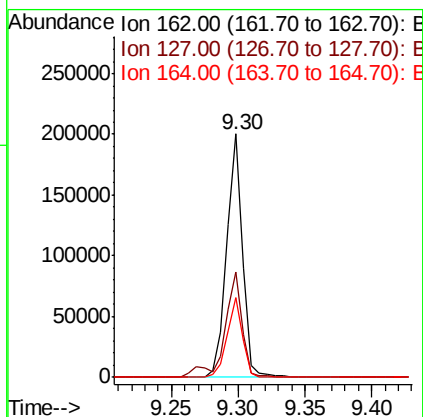
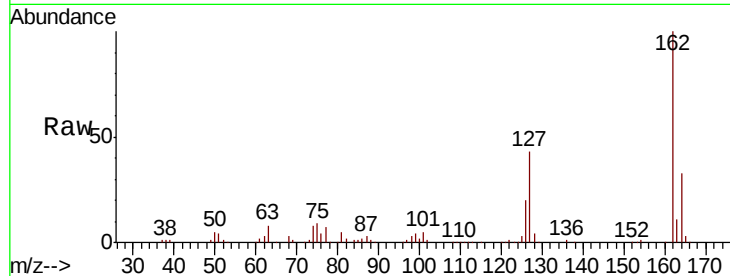




#47
 2-Chloronaphthalene
 Concen: 48.678 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

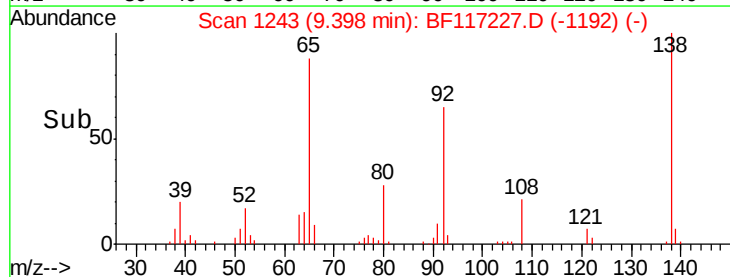
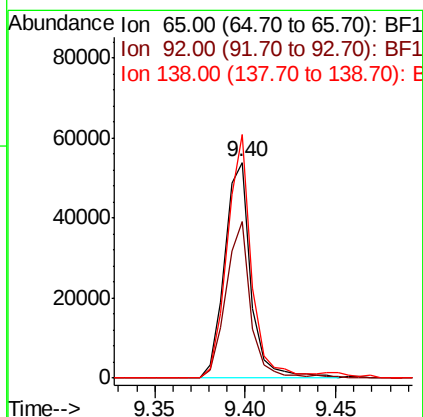
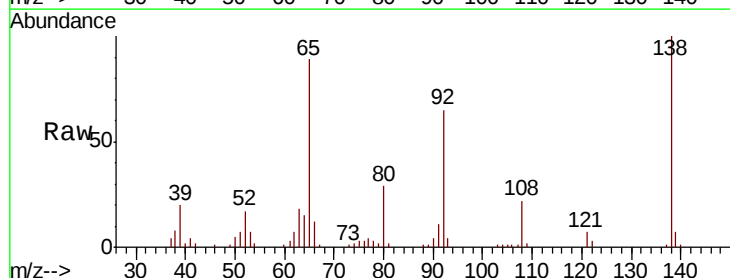
Instrument :
 BNA_F
 ClientSampleId :

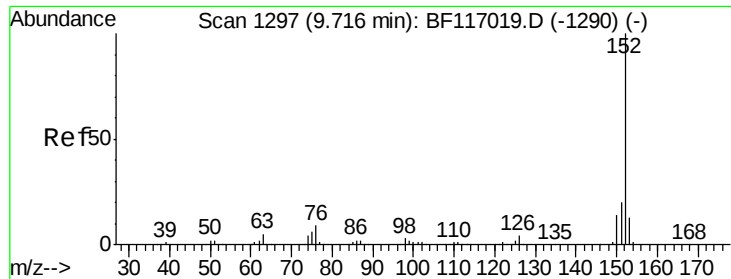
Tot Ion:162 Resp: 169512
 Ion Ratio Lower Upper
 162 100
 127 43.5 34.1 51.1
 164 32.8 25.9 38.9



#48
 2-Nitroaniline
 Concen: 48.736 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion: 65 Resp: 54436
 Ion Ratio Lower Upper
 65 100
 92 72.8 57.5 86.3
 138 112.7 90.6 136.0





#49

Acenaphthylene

Concen: 51.196 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampleId :

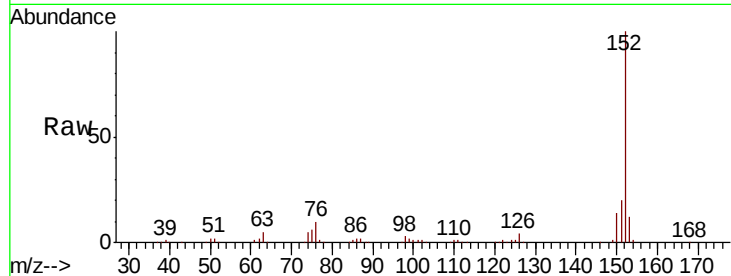
Tot Ion:152 Resp: 267075

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

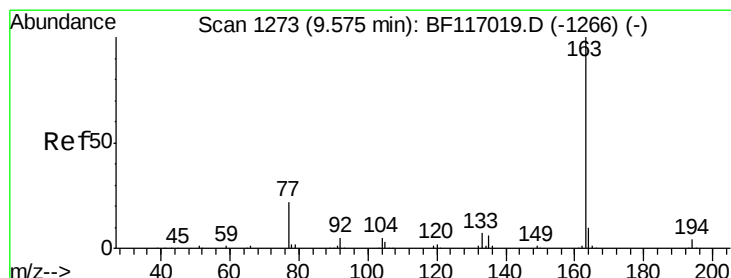
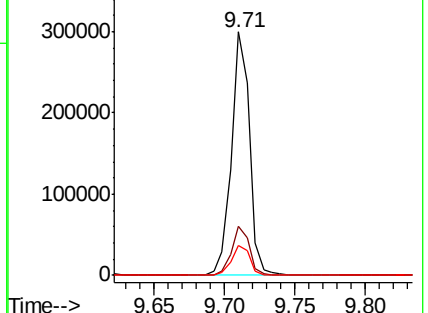
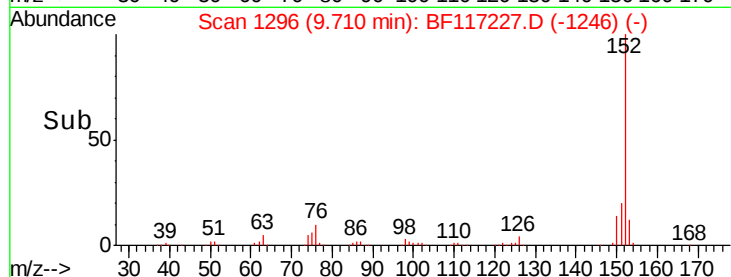
153 12.5 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 61.450 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

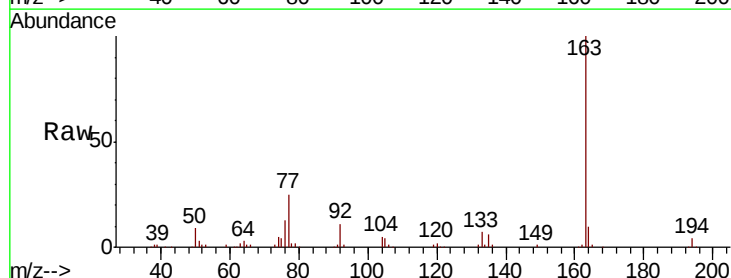
Tgt Ion:163 Resp: 244752

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

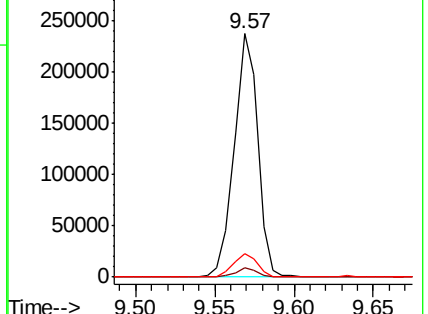
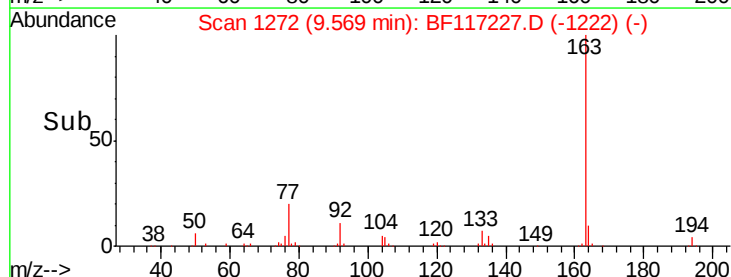
164 9.7 8.2 12.4

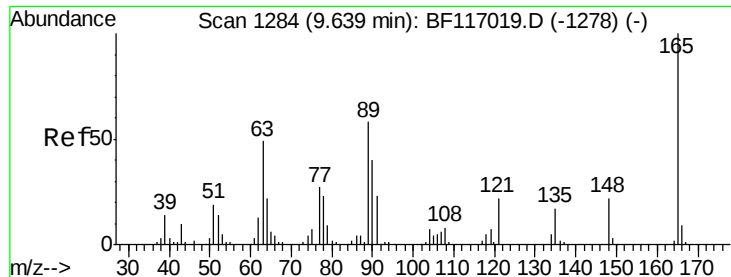


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

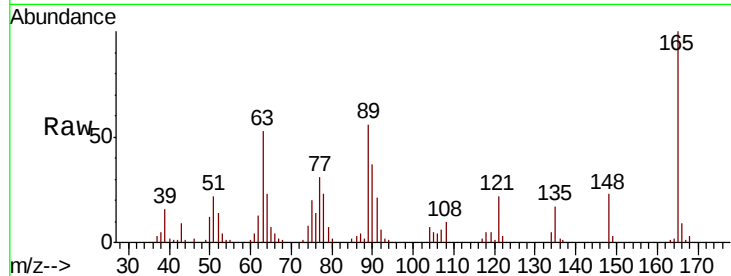




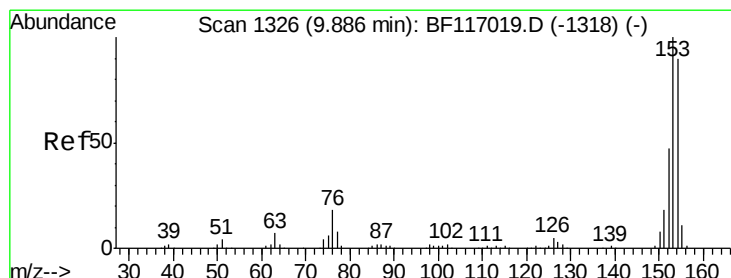
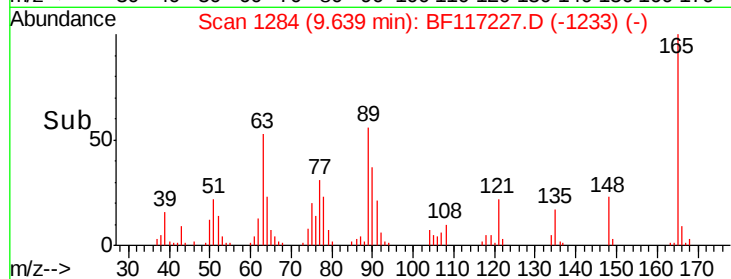
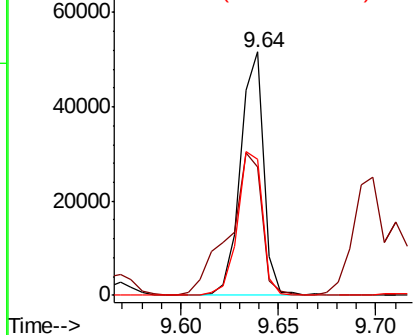
#51
 2,6-Dinitrotoluene
 Concen: 52.480 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 42571
 Ion Ratio Lower Upper
 165 100
 63 52.6 41.8 62.8
 89 56.1 46.5 69.7

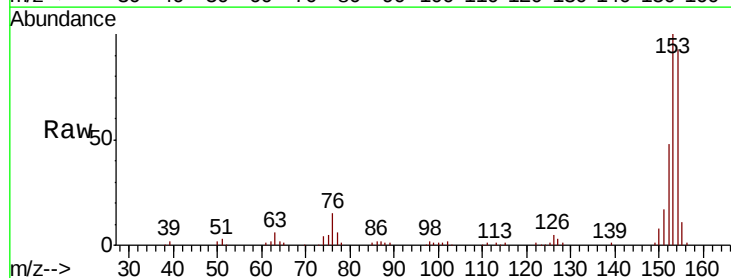


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

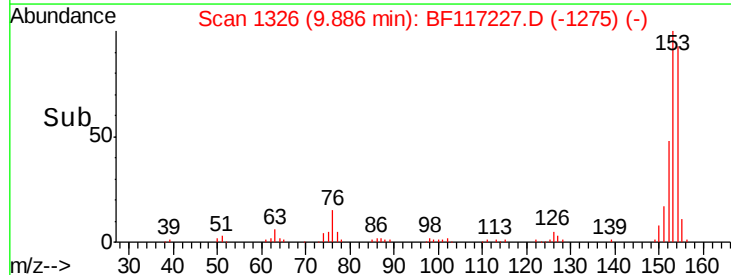
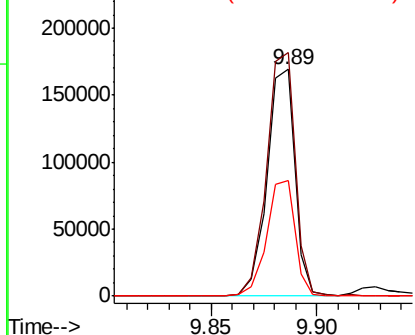


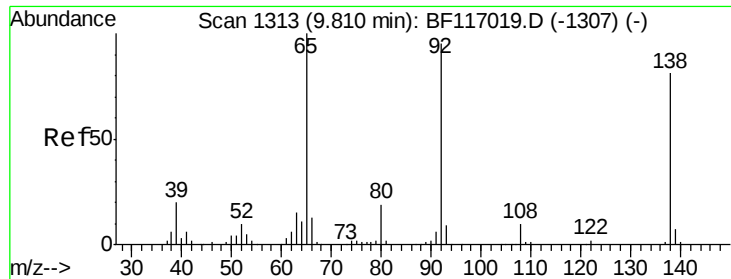
#52
 Acenaphthene
 Concen: 50.753 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion:154 Resp: 156947
 Ion Ratio Lower Upper
 154 100
 153 107.3 89.0 133.6
 152 51.1 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

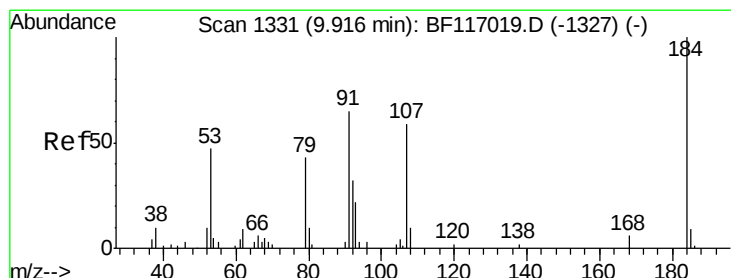
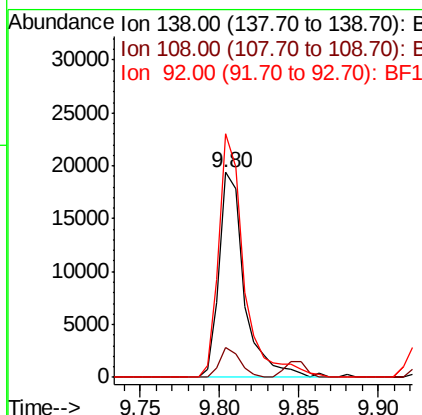
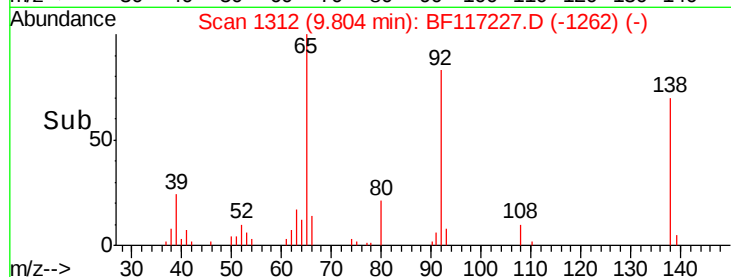
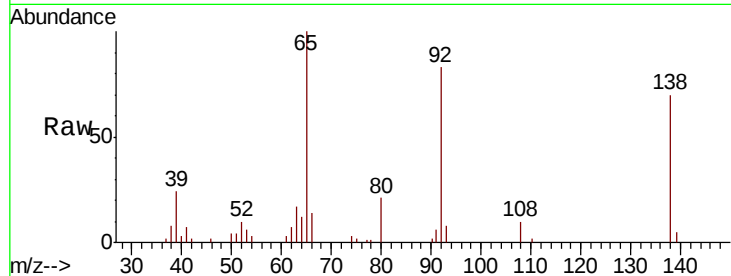




#53
 3-Nitroaniline
 Concen: 20.961 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

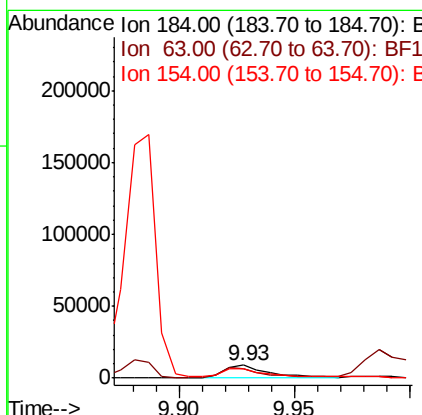
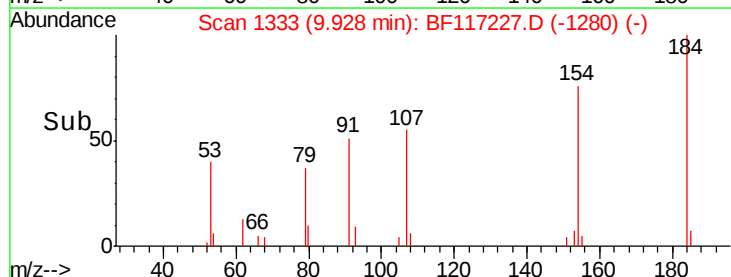
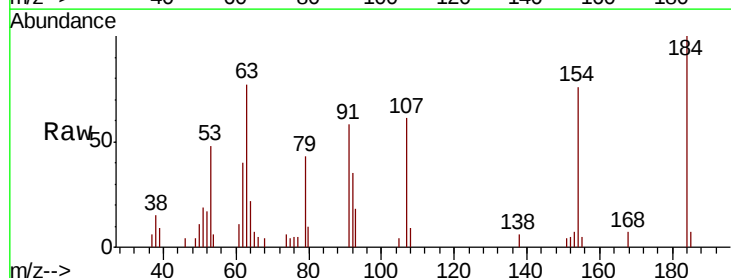
Instrument :
 BNA_F
 ClientSampleId :

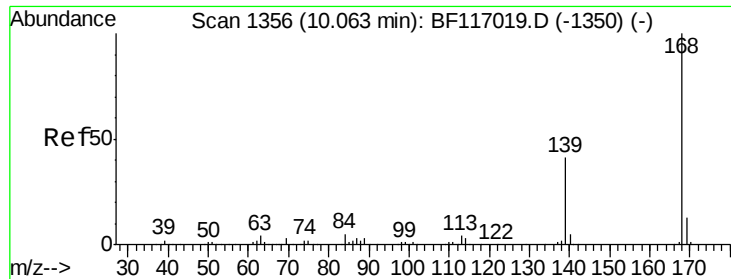
Tot Ion:138 Resp: 21453
 Ion Ratio Lower Upper
 138 100
 108 14.4 9.5 14.3#
 92 118.9 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 39.586 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion:184 Resp: 12034
 Ion Ratio Lower Upper
 184 100
 63 77.0 63.8 95.6
 154 75.8 60.4 90.6

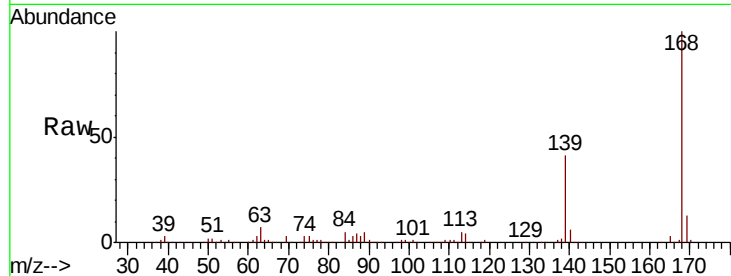




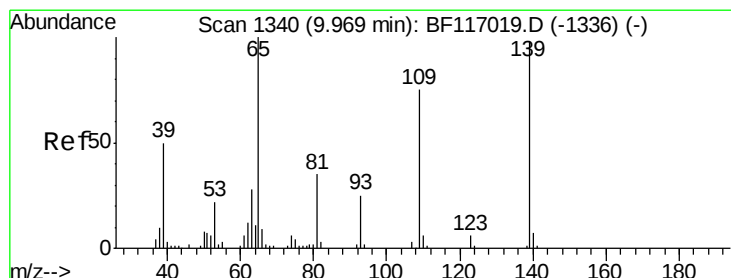
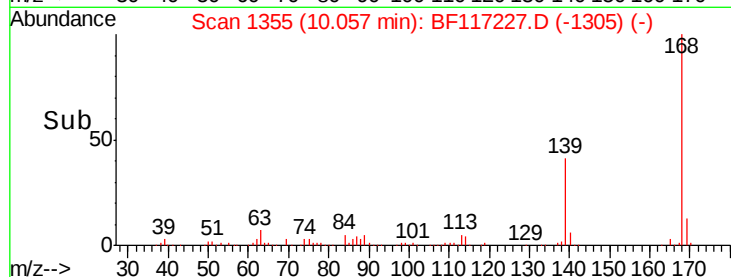
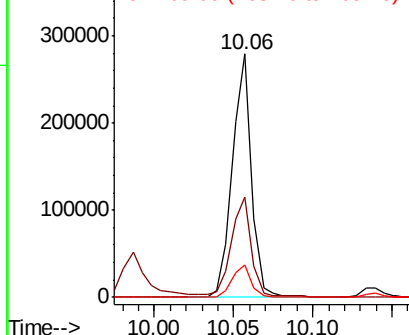
#55
Dibenzenofuran
Concen: 51.546 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 235186
Ion Ratio Lower Upper
168 100
139 41.3 32.8 49.2
169 13.4 10.5 15.7

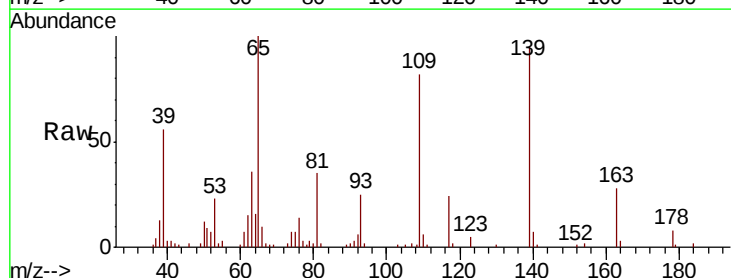


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

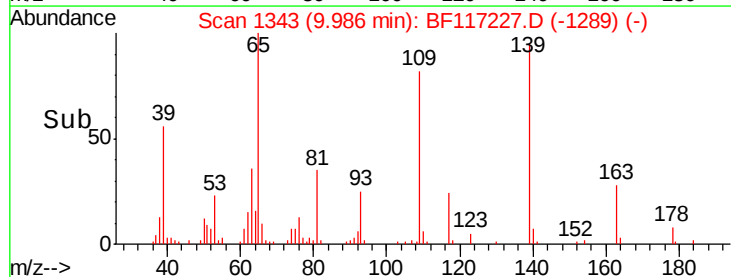
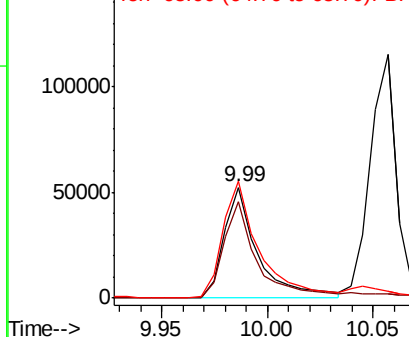


#56
4-Nitrophenol
Concen: 87.959 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:139 Resp: 58346
Ion Ratio Lower Upper
139 100
109 86.7 56.4 96.4
65 105.5 82.5 122.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

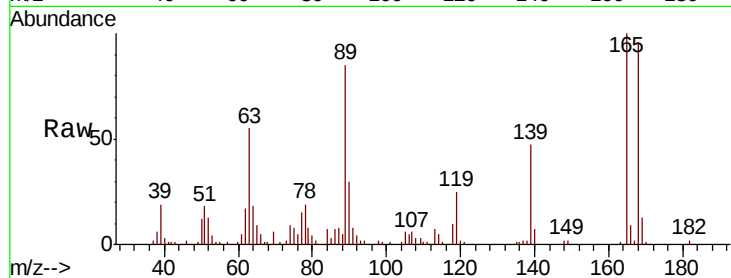




#57
 2,4-Dinitrotoluene
 Concen: 53.317 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	35.0	52.4
89	85.1	66.1	99.1
182	2.5	2.0	3.0



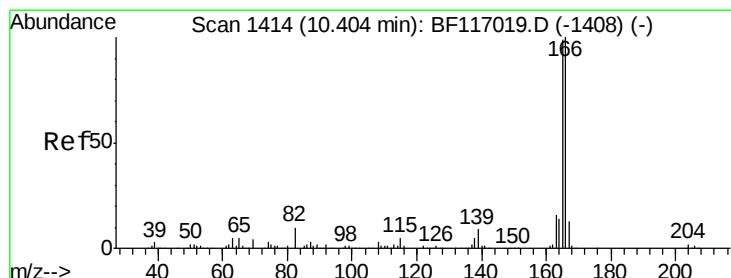
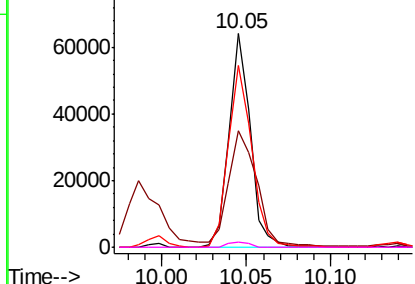
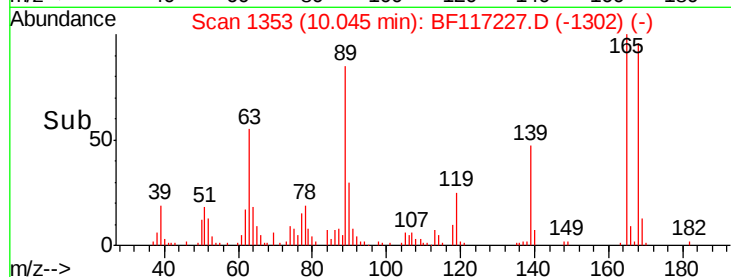
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

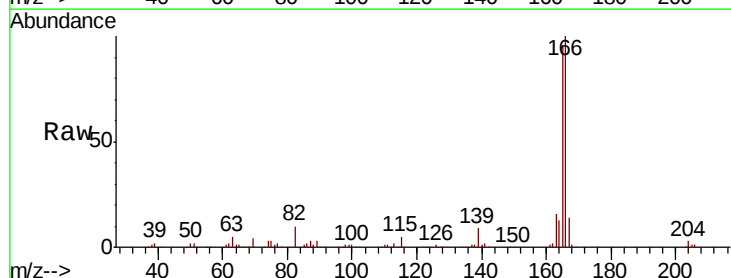
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 52.182 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.9	118.3
167	13.5	10.6	15.8

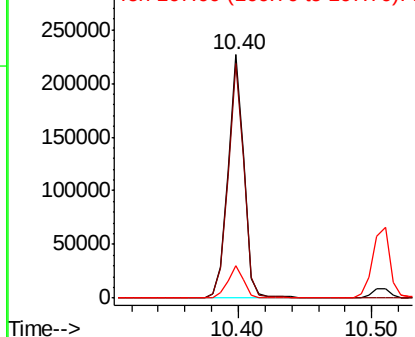
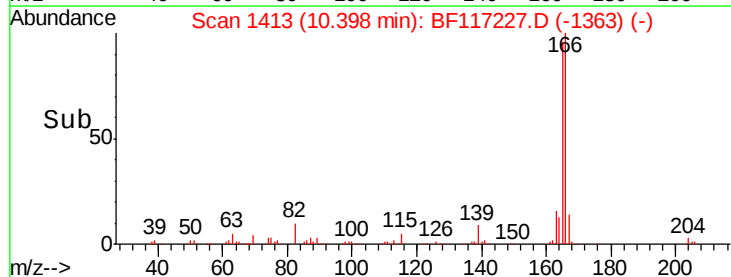


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

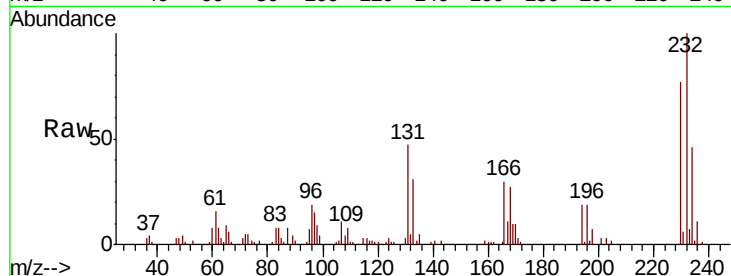




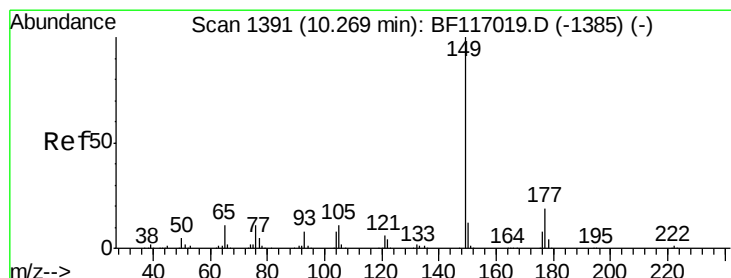
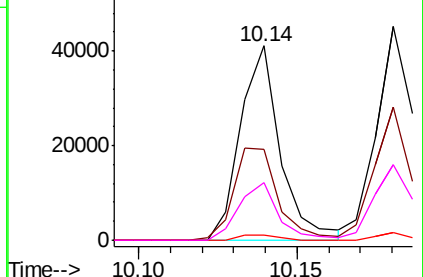
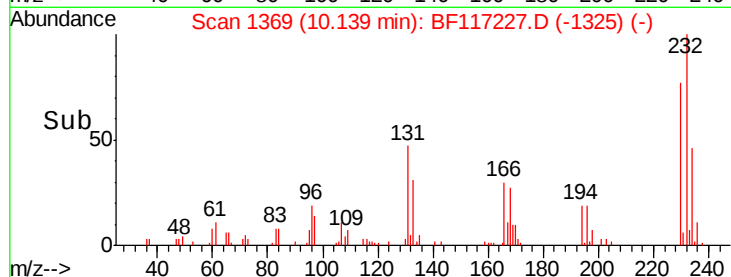
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.599 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 35945
 Ion Ratio Lower Upper
 232 100
 131 53.4 45.3 67.9
 130 2.6 1.8 2.8
 166 29.7 29.4 44.2

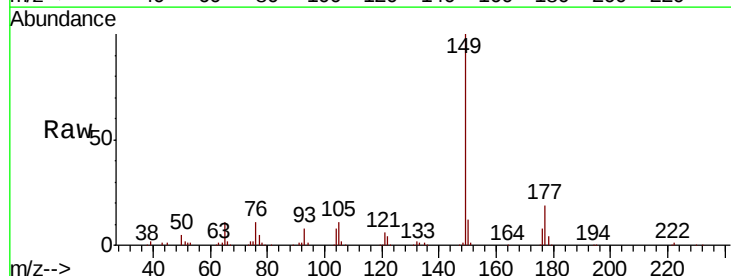


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

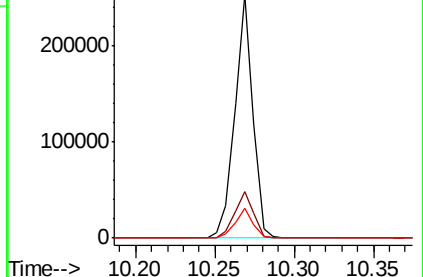
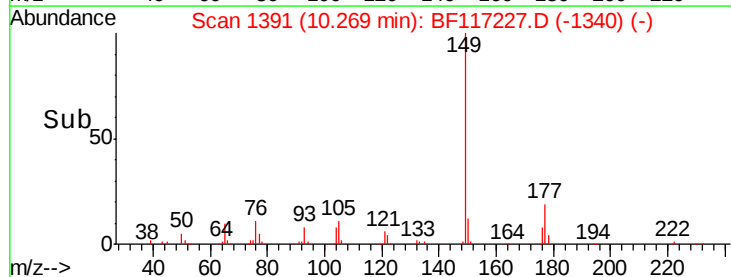


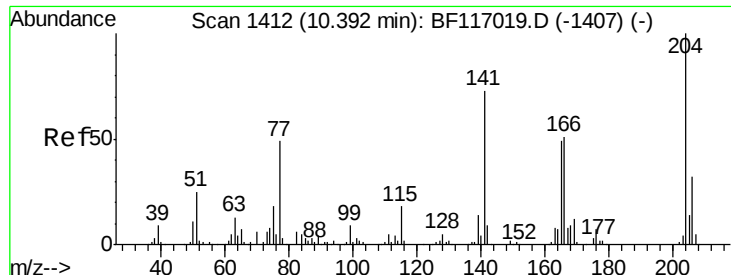
#60
 Diethylphthalate
 Concen: 50.672 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion:149 Resp: 198557
 Ion Ratio Lower Upper
 149 100
 177 19.0 15.2 22.8
 150 12.1 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

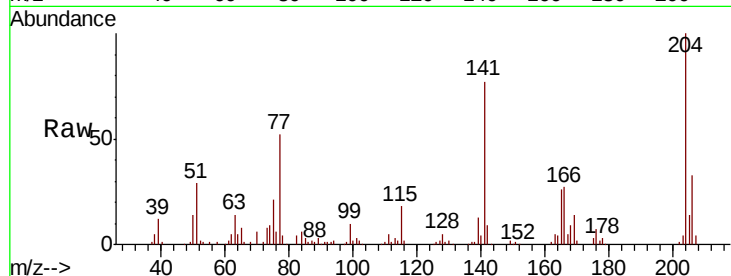




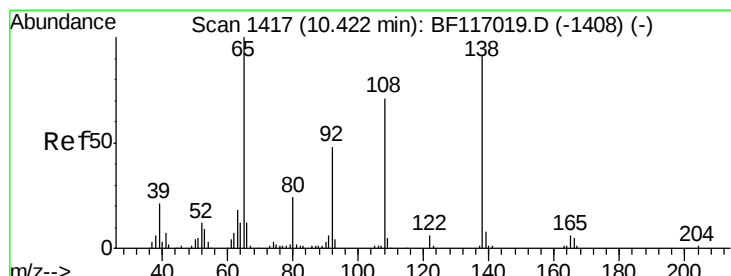
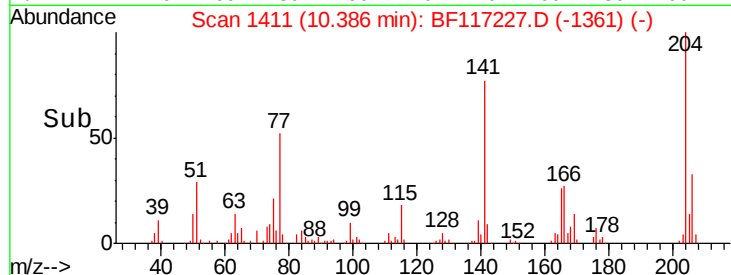
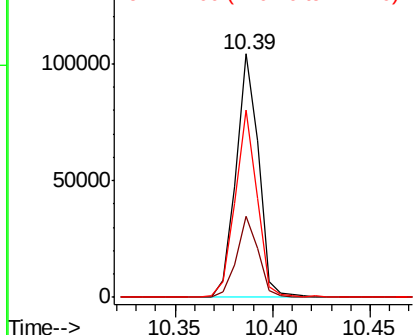
#61
4-Chlorophenyl-phenylether
Concen: 52.507 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 83496
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 76.9 58.2 87.2

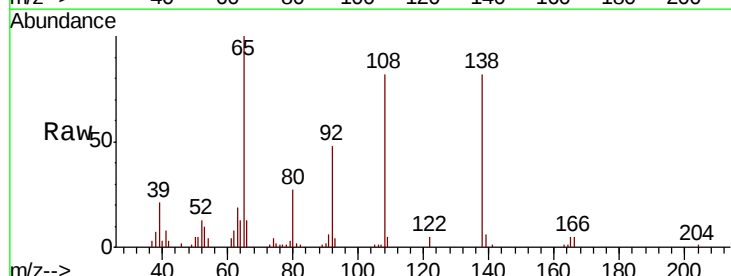


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

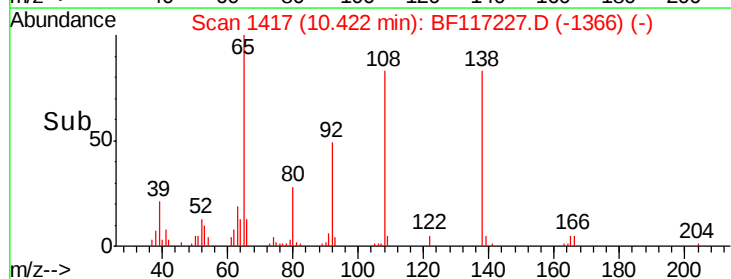
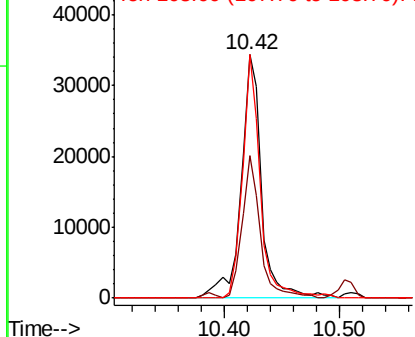


#62
4-Nitroaniline
Concen: 39.759 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:138 Resp: 42318
Ion Ratio Lower Upper
138 100
92 58.5 32.9 72.9
108 100.2 58.3 98.3#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 51.224 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 205003

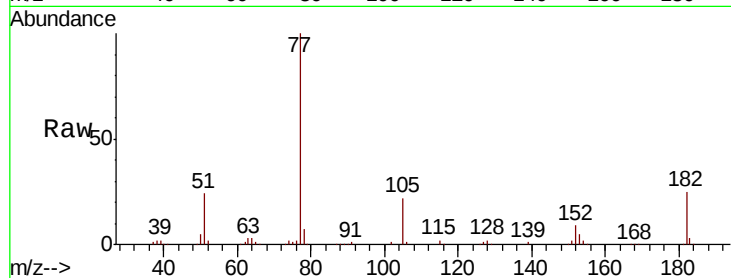
Ion Ratio Lower Upper

77 100

182 25.0 0.4 40.4

105 21.8 0.9 40.9

51 23.9 2.8 42.8

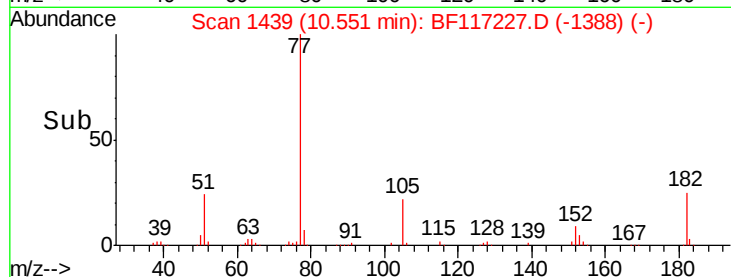


Abundance Ion 77.00 (76.70 to 77.70): BF1

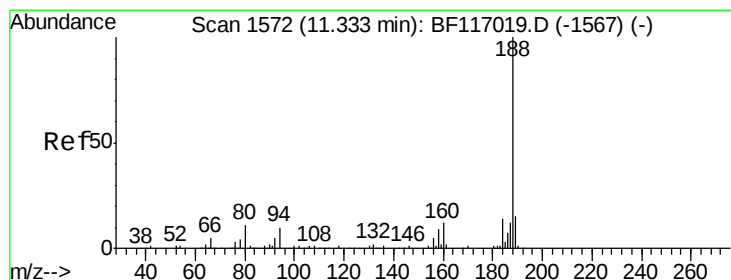
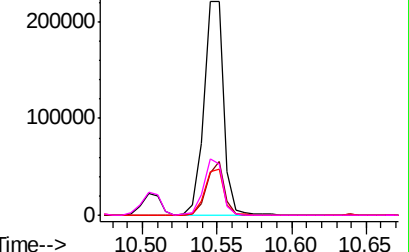
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

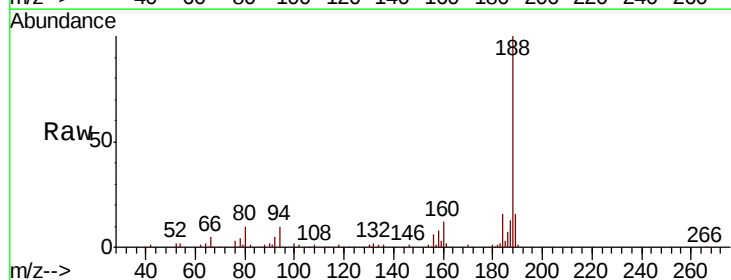
Tgt Ion: 188 Resp: 92092

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

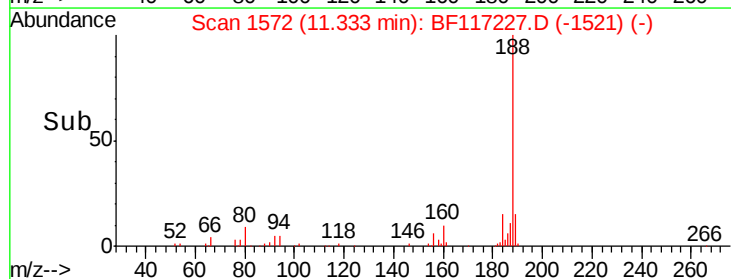
80 10.3 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

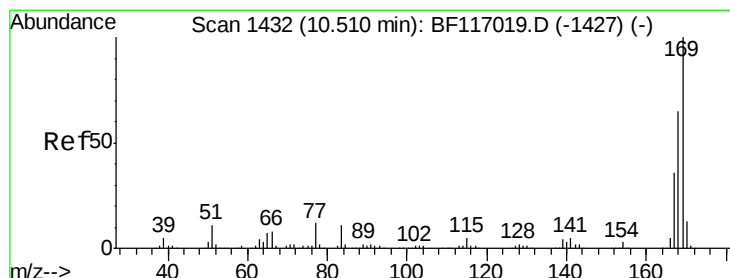
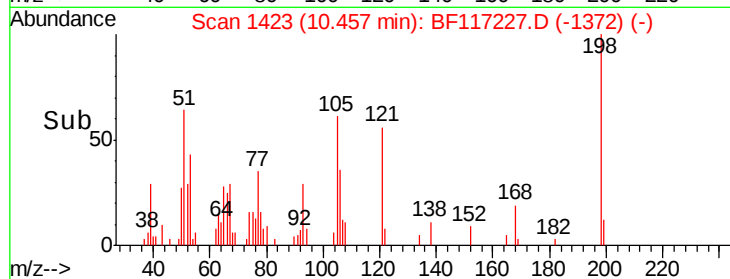
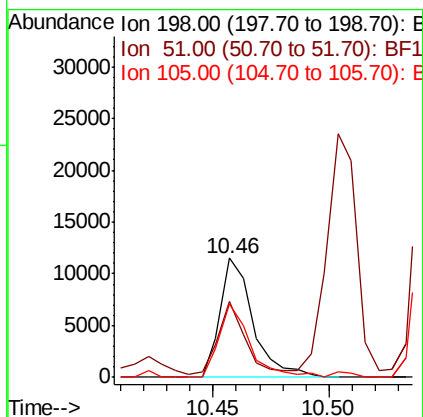
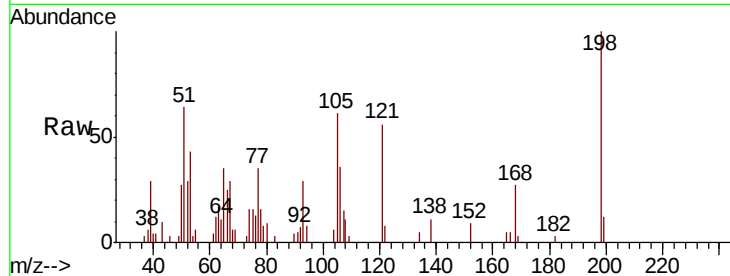




#65
 4,6-Dinitro-2-methylphenol
 Concen: 30.180 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

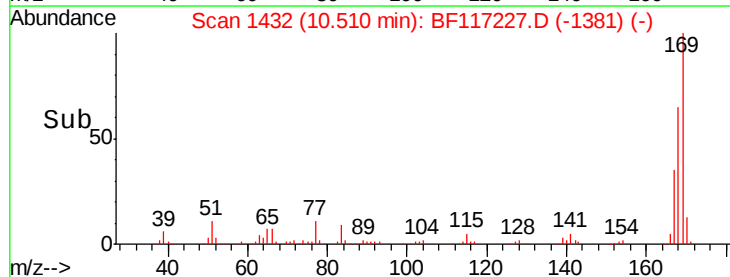
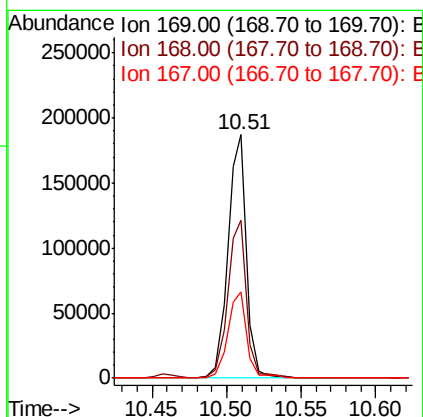
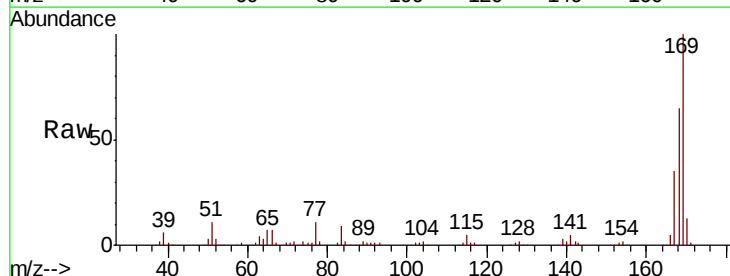
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 11408
 Ion Ratio Lower Upper
 198 100
 51 63.5 18.7 58.7#
 105 61.1 30.2 70.2



#66
 n-Nitrosodiphenylamine
 Concen: 52.187 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion:169 Resp: 165981
 Ion Ratio Lower Upper
 169 100
 168 64.8 52.2 78.2
 167 35.4 28.8 43.2



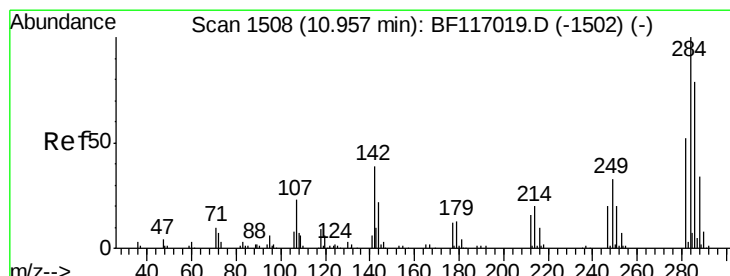
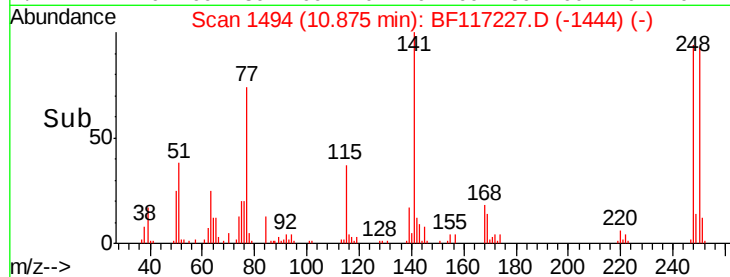
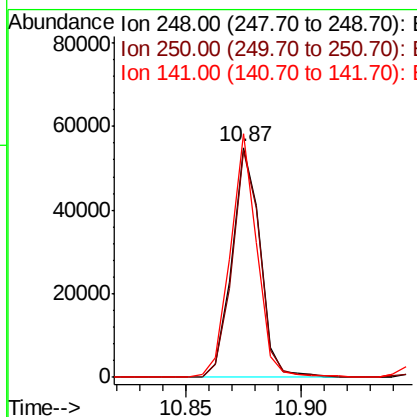
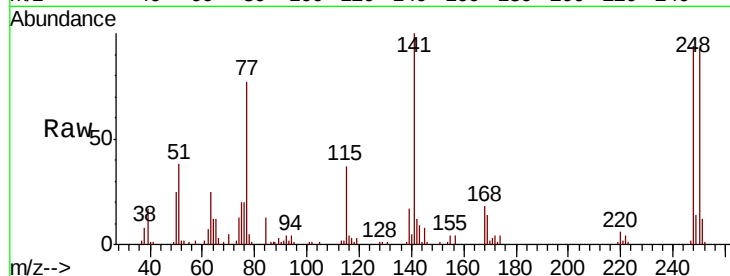


#67
 4-Bromophenyl-phenylether
 Concen: 49.601 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 46649

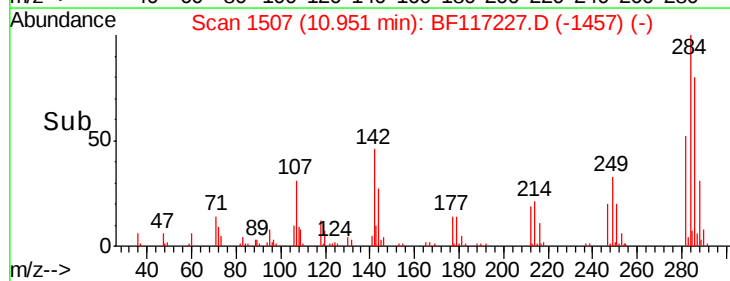
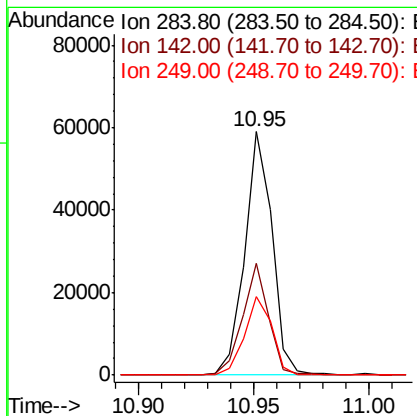
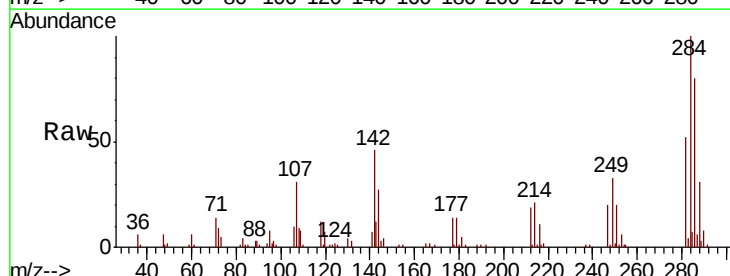
Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.2	114.4
141	106.1	75.0	112.4

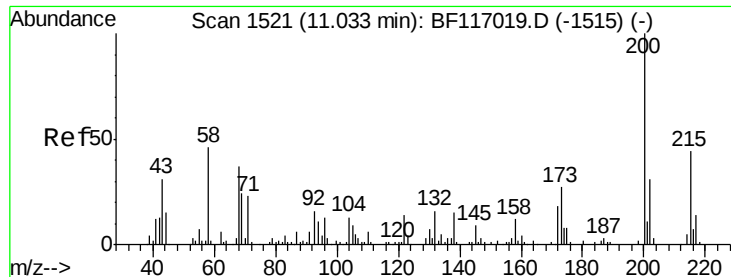


#68
 Hexachlorobenzene
 Concen: 47.539 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion:284 Resp: 48901

Ion	Ratio	Lower	Upper
284	100		
142	45.8	31.4	47.2
249	32.5	26.5	39.7

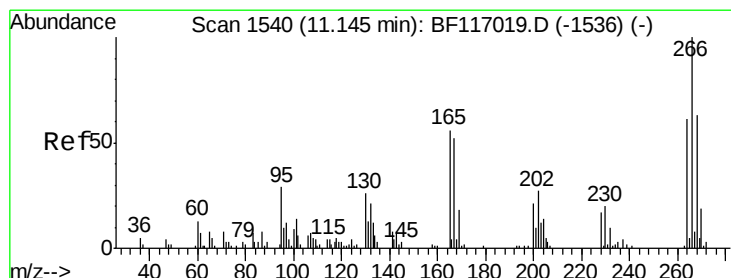
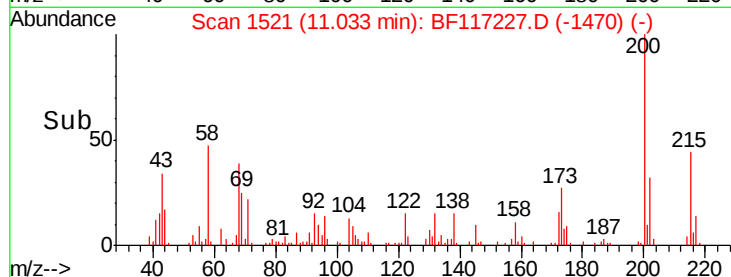
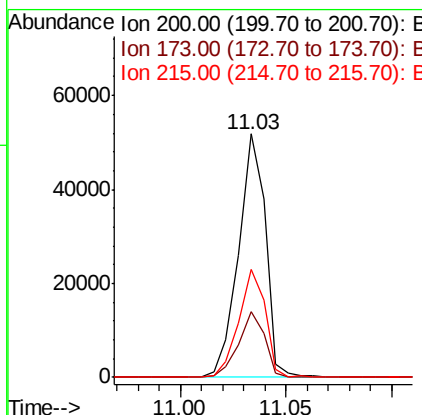
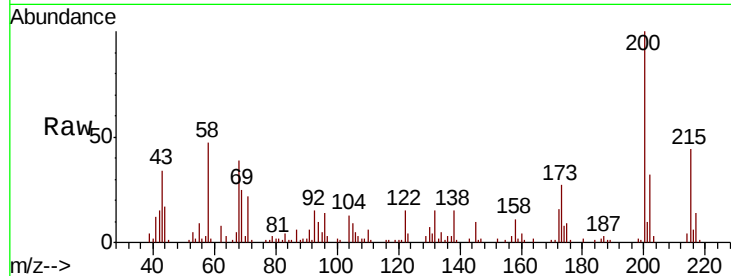




#69
 Atrazine
 Concen: 65.060 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

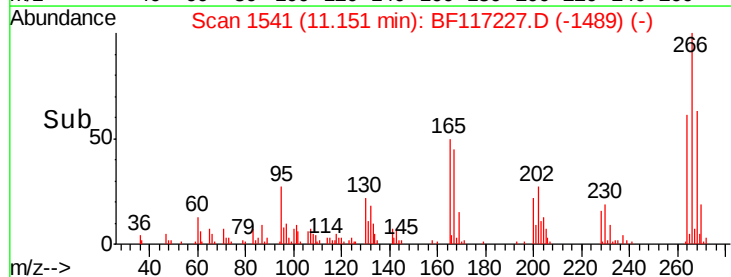
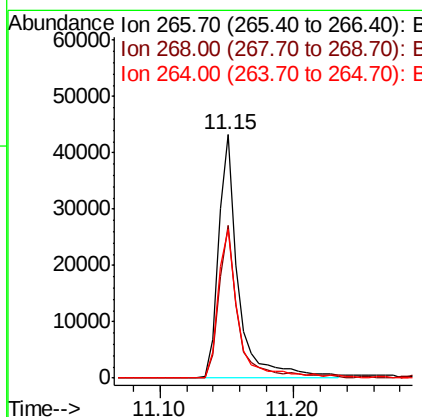
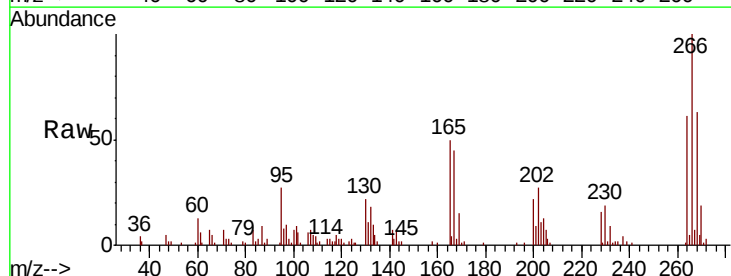
Instrument :
 BNA_F
 ClientSampleId :

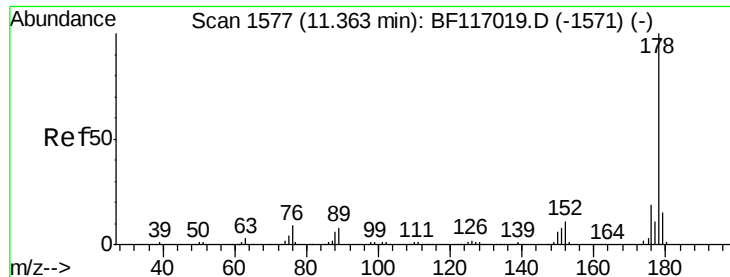
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	44.5	23.8	63.8



#70
 Pentachlorophenol
 Concen: 94.044 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.5	75.7
264	61.3	48.8	73.2

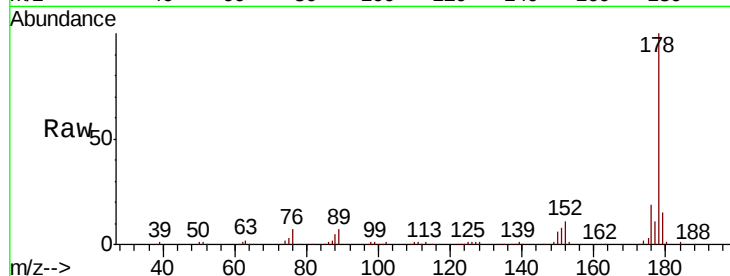




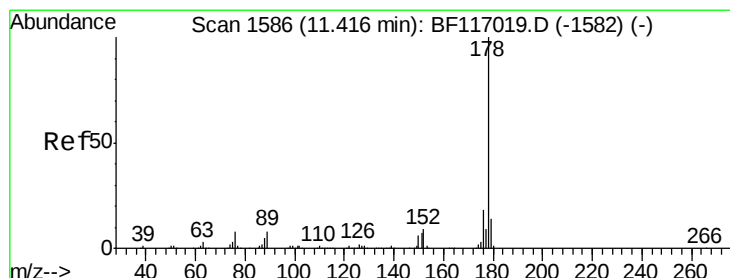
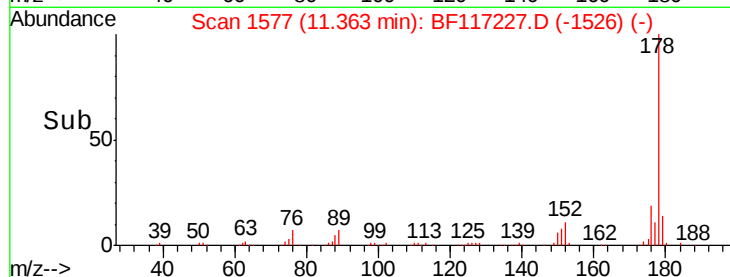
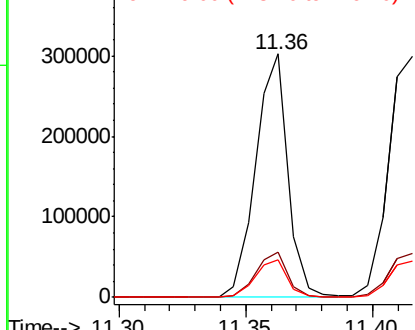
#71
Phenanthrene
Concen: 51.029 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 266924
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.2 12.4 18.6

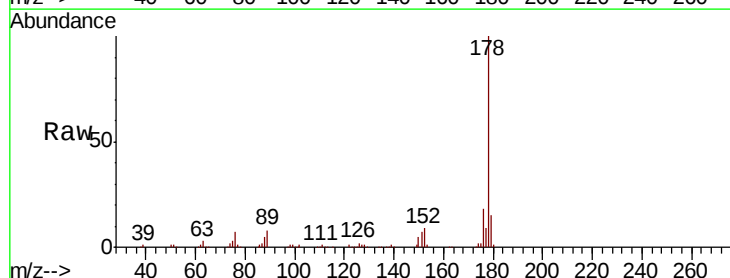


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

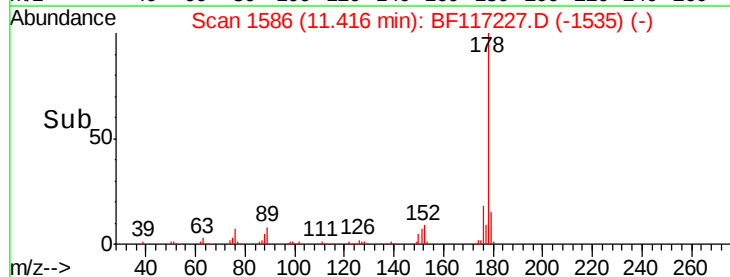
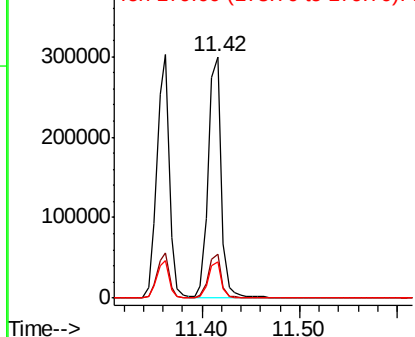


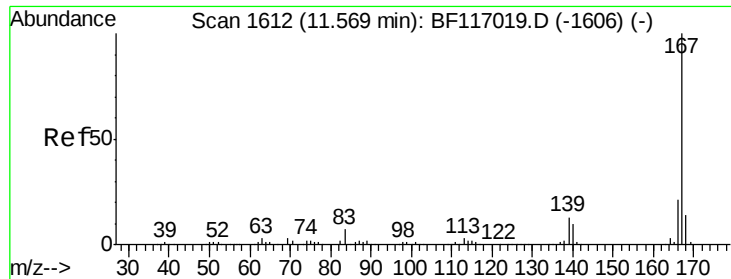
#72
Anthracene
Concen: 52.748 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:178 Resp: 281688
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.1 11.6 17.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

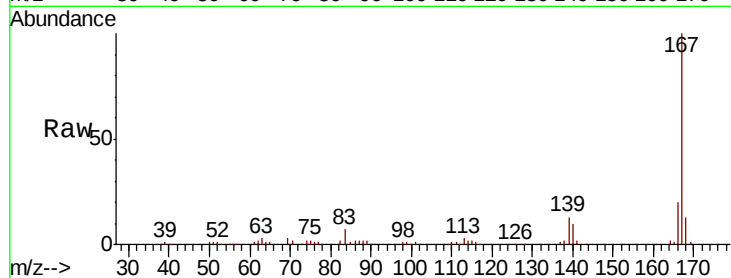




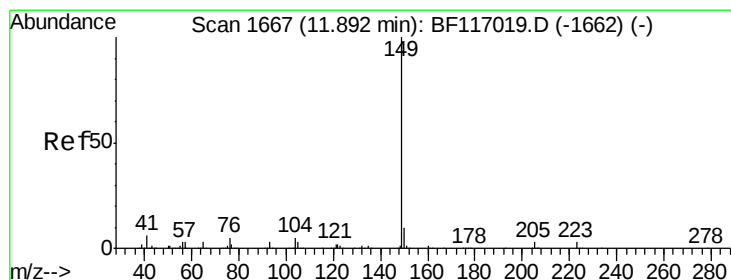
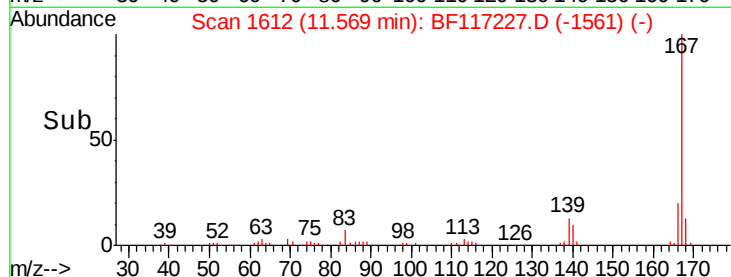
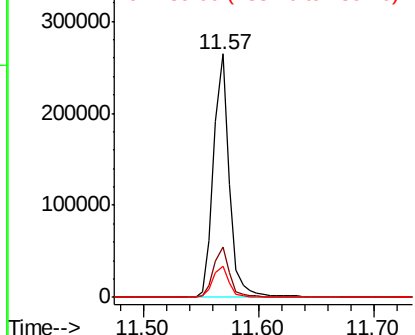
#73
 Carbazole
 Concen: 49.988 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.2	25.8
139	12.8	10.6	16.0

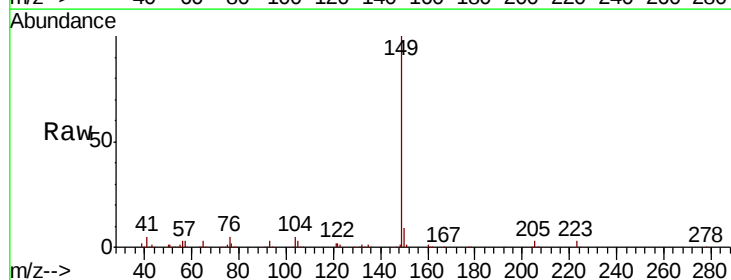


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

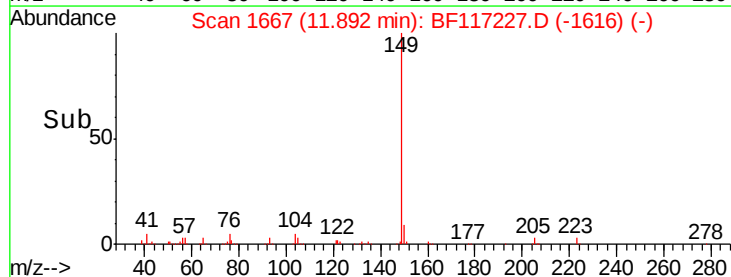
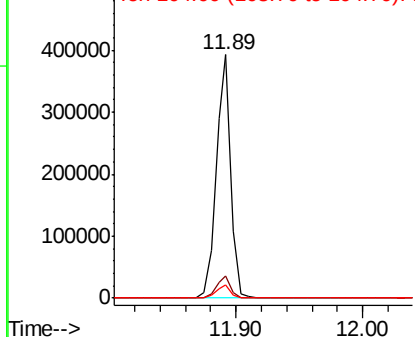


#74
 Di-n-butylphthalate
 Concen: 52.220 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	5.2	4.2	6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

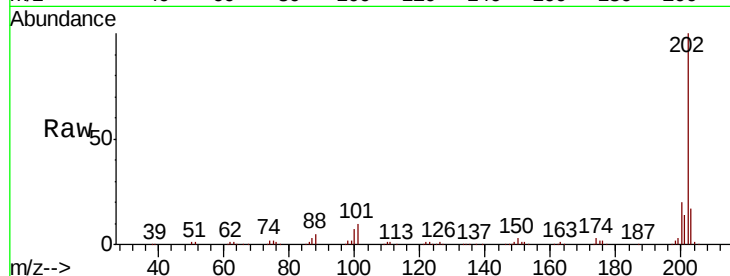




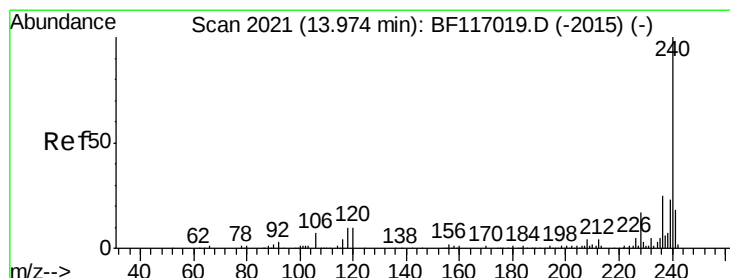
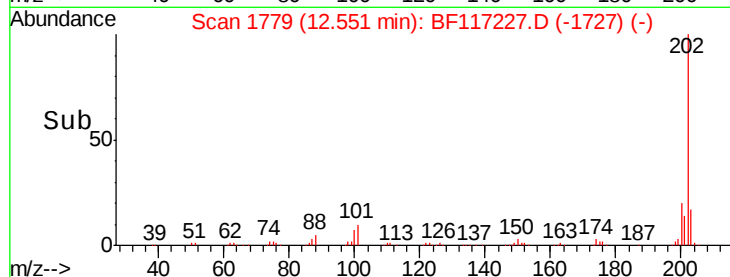
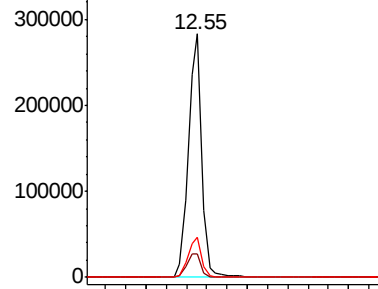
#75
 Fluoranthene
 Concen: 48.209 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.3
203	16.7	0.0	37.1

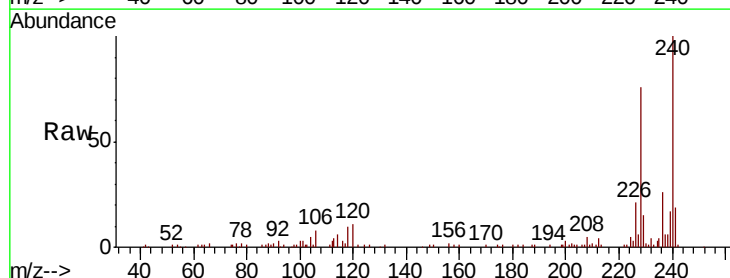


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

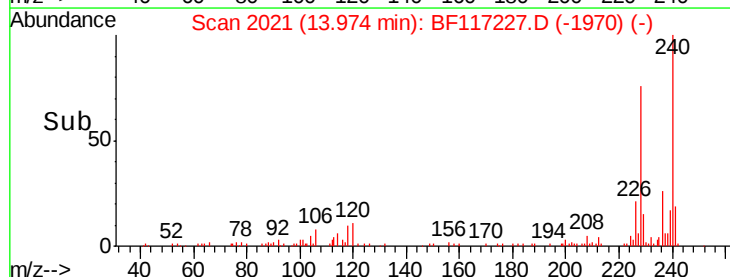
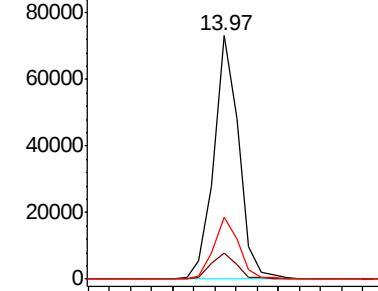


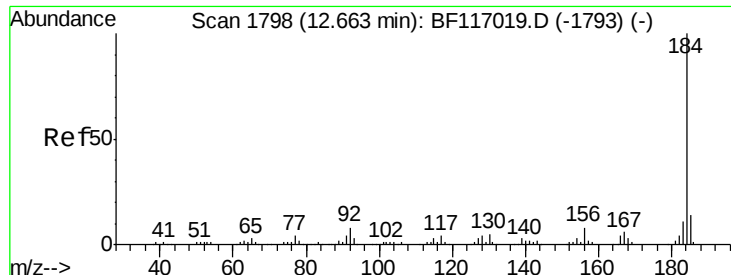
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.5	20.3	30.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

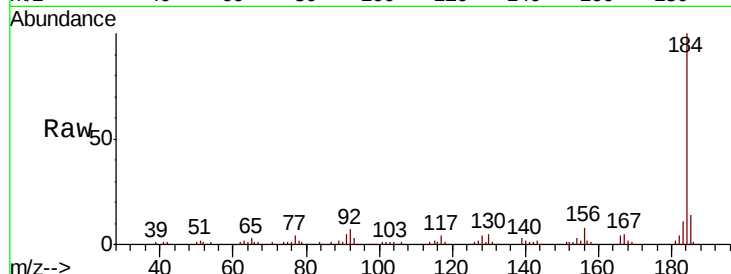




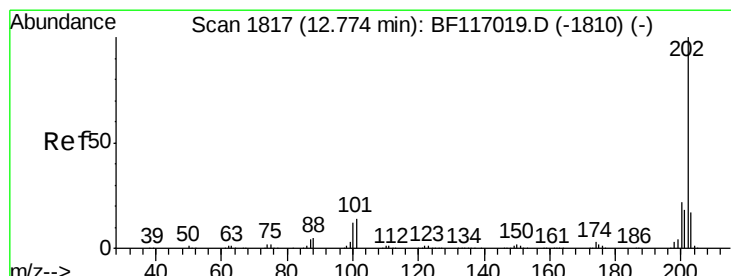
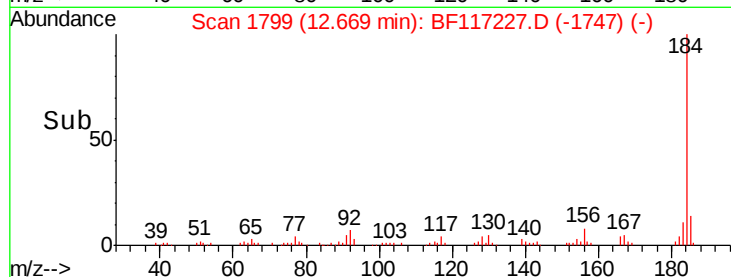
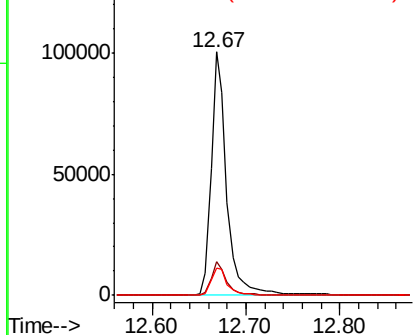
#77
Benzidine
Concen: 60.996 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 117292
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 11.0 9.0 13.4

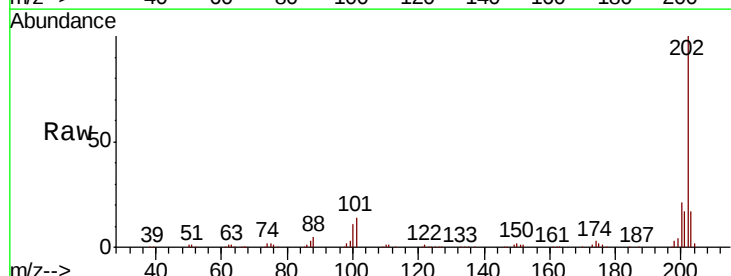


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

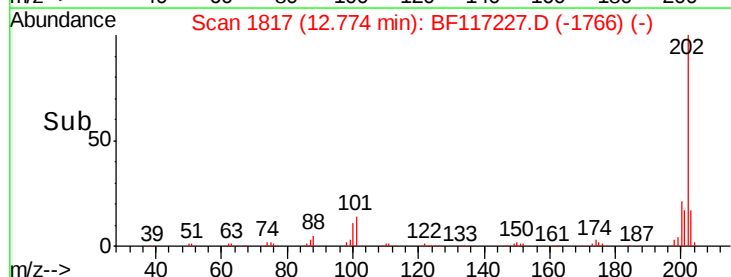
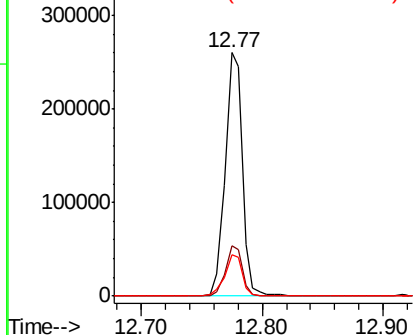


#78
Pyrene
Concen: 51.365 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:202 Resp: 257282
Ion Ratio Lower Upper
202 100
200 20.6 17.2 25.8
203 17.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

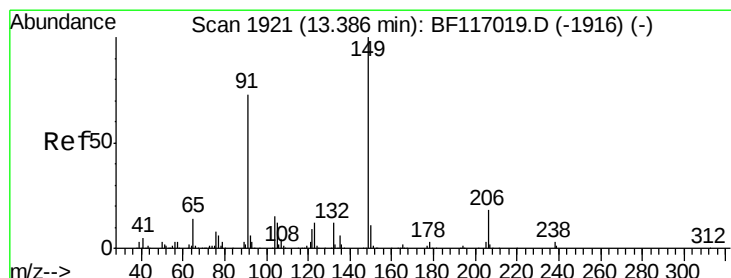
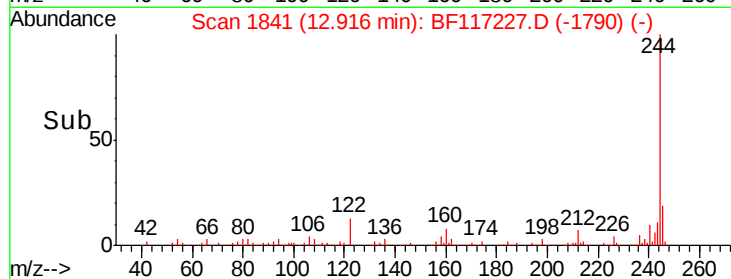
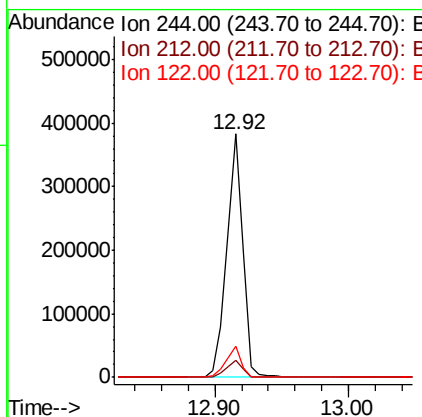
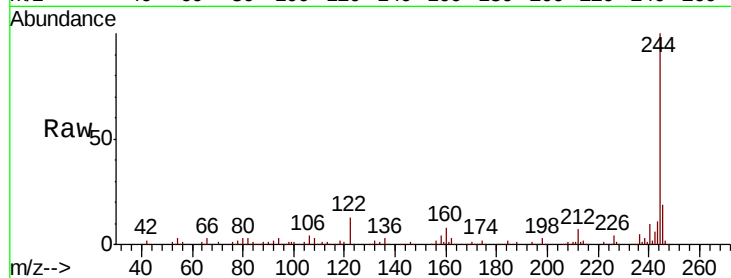




#79
 Terphenyl-d14
 Concen: 102.648 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

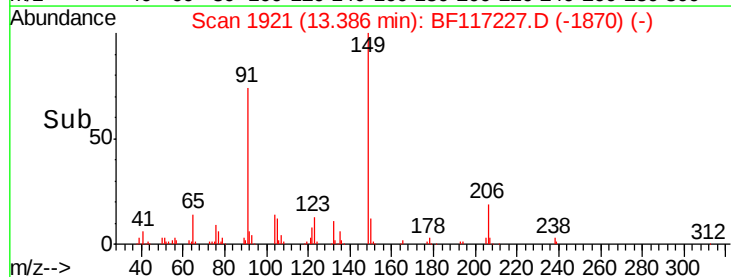
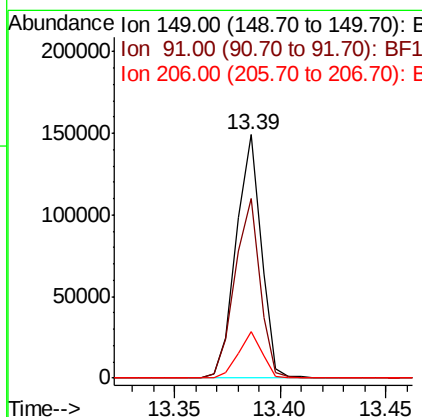
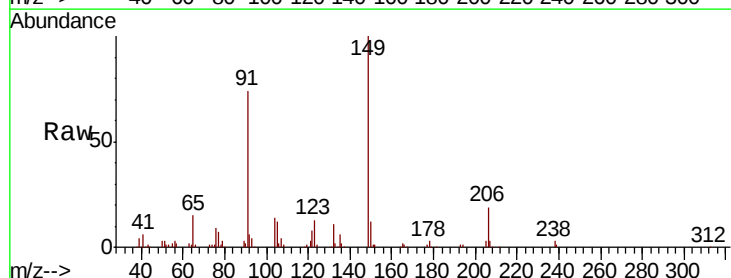
Instrument :
 BNA_F
 ClientSampled :

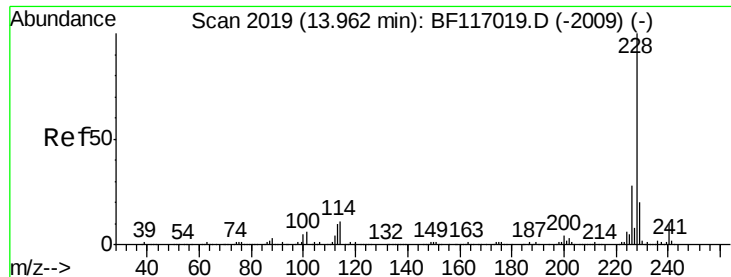
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.8	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 51.661 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117227.D
 Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	58.8	88.2
206	19.0	14.1	21.1





#81

Benzo(a)anthracene

Concen: 49.886 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

Instrument :

BNA_F

ClientSampled :

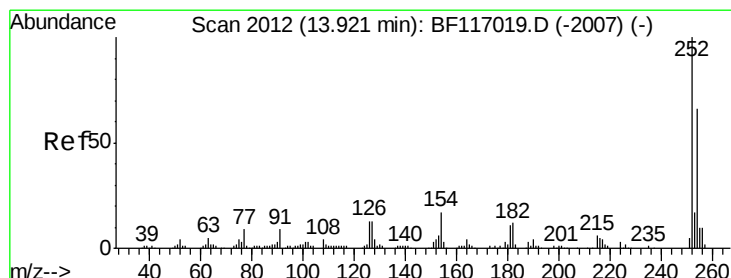
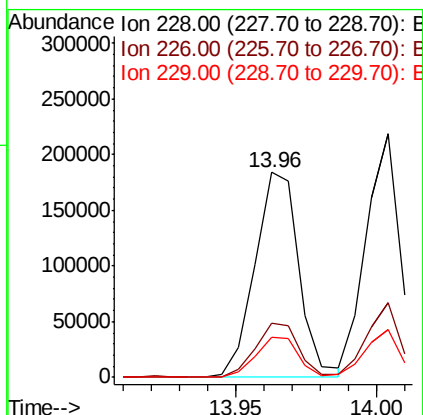
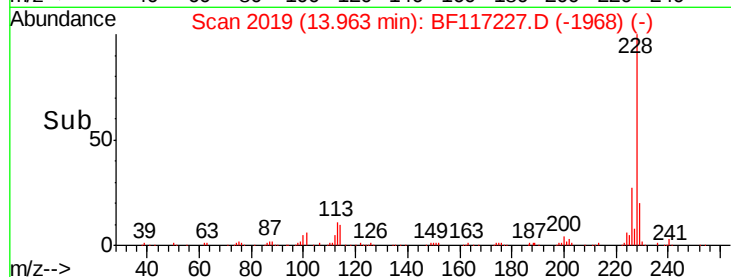
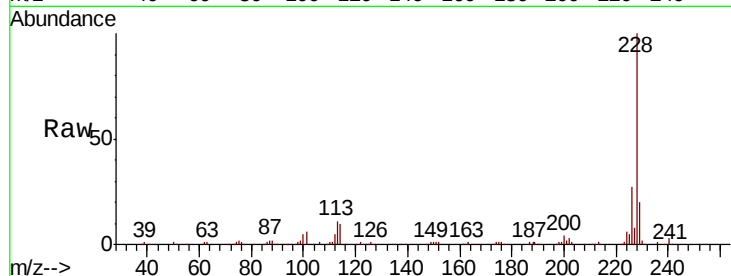
Tot Ion:228 Resp: 198962

Ion Ratio Lower Upper

228 100

226 26.7 22.3 33.5

229 19.6 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 46.637 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117227.D

Acq: 24 Sep 2019 20:33

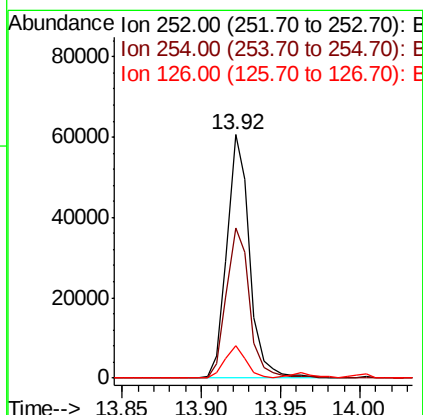
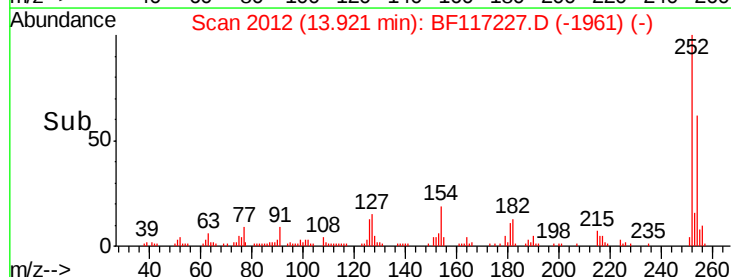
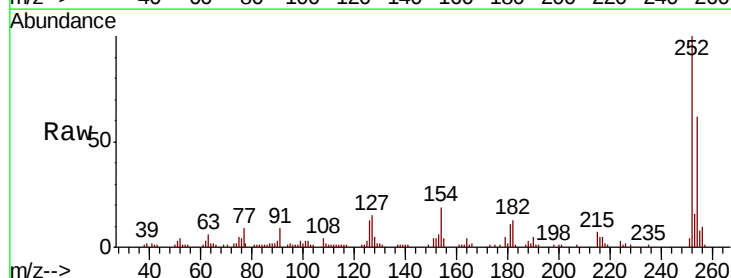
Tgt Ion:252 Resp: 59938

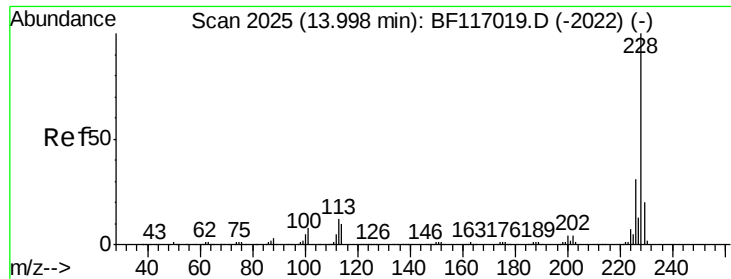
Ion Ratio Lower Upper

252 100

254 61.5 52.6 79.0

126 13.4 10.4 15.6

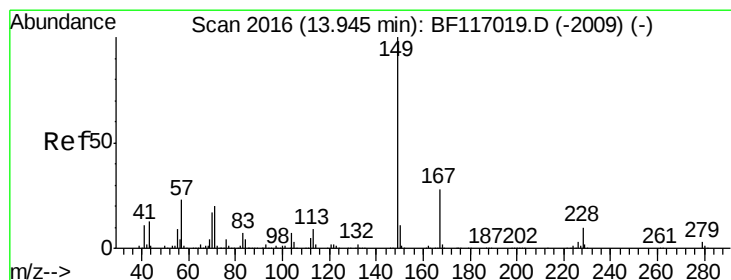
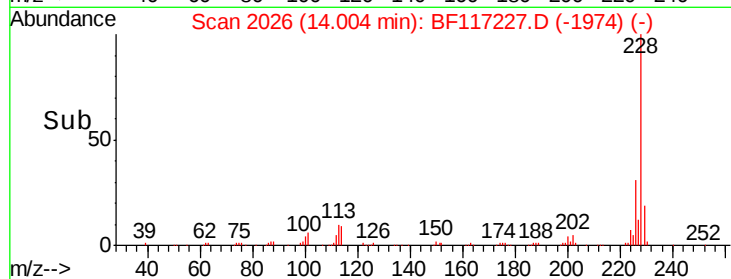
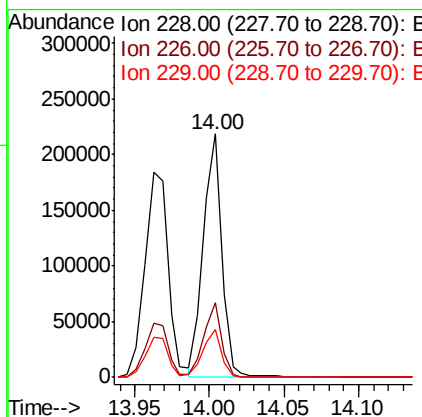
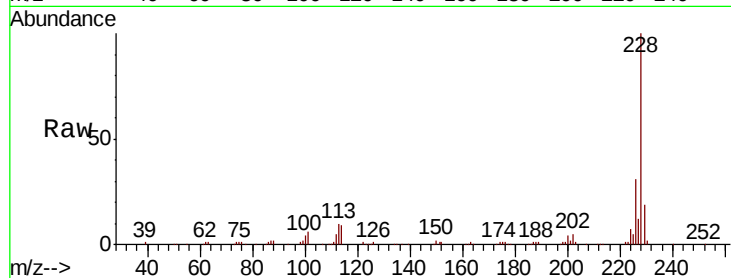




#83
Chrysene
Concen: 48.204 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

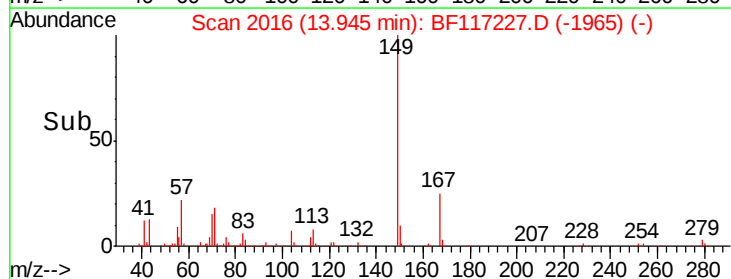
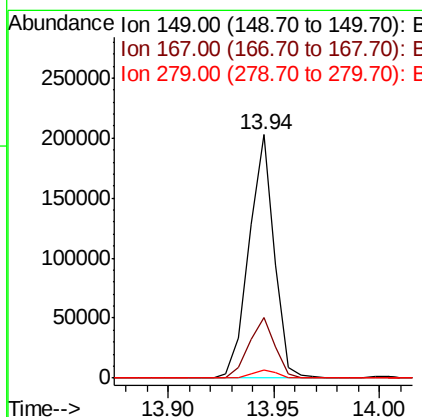
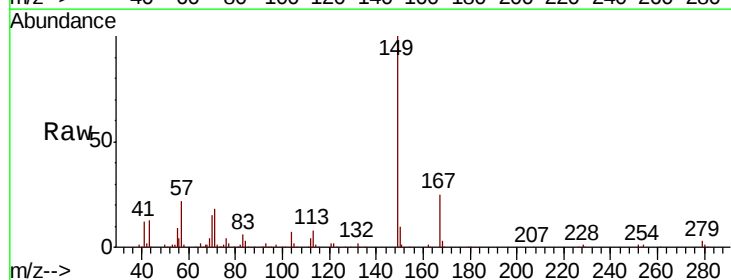
Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 187506
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 19.5 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.946 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:149 Resp: 167673
Ion Ratio Lower Upper
149 100
167 25.0 22.2 33.2
279 3.2 2.8 4.2

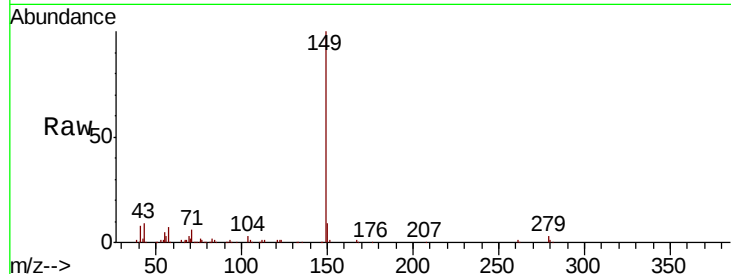




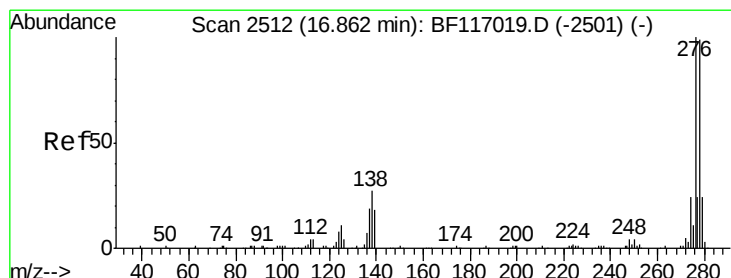
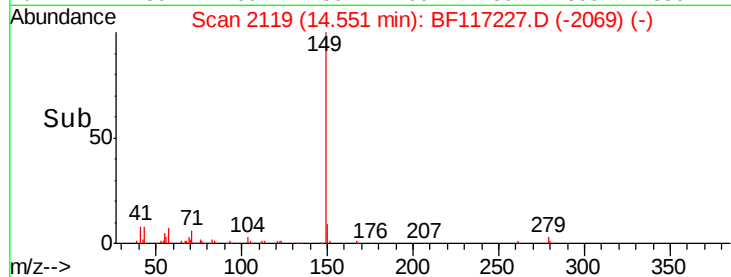
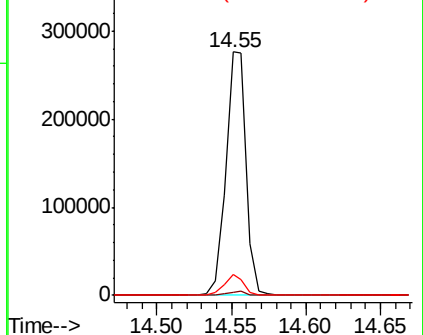
#85
Di-n-octyl phthalate
Concen: 55.259 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.0	6.2	9.4

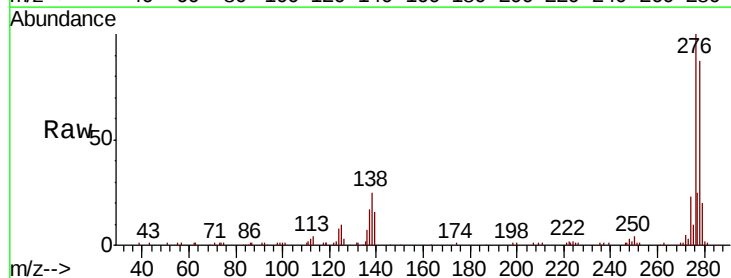


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

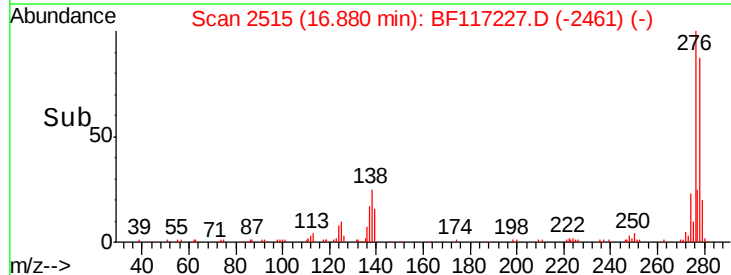
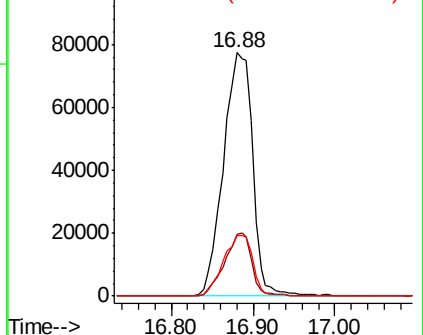


#86
Indeno(1,2,3-cd)pyrene
Concen: 68.080 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.7	31.1
277	25.0	19.8	29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

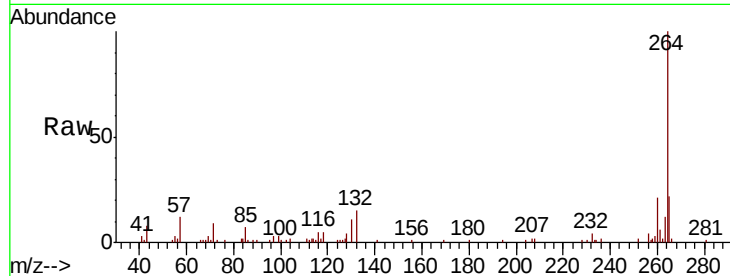




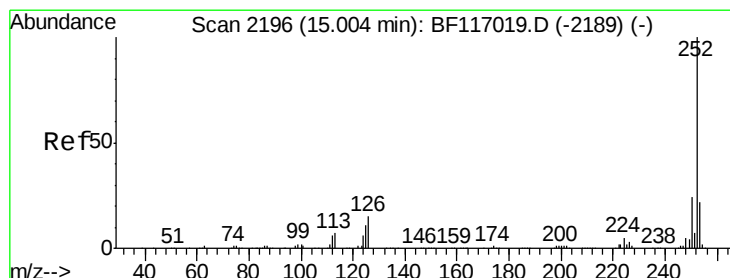
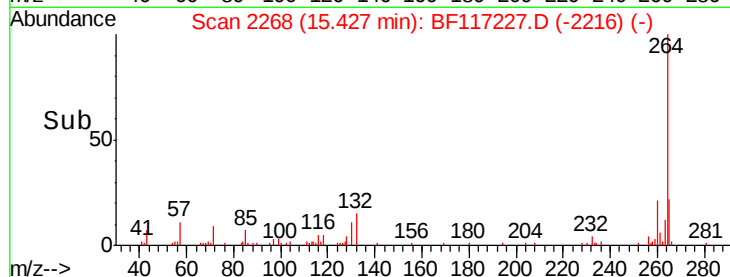
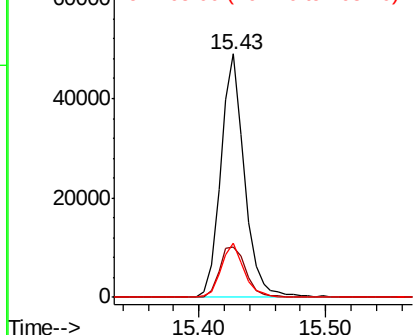
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 63608
Ion Ratio Lower Upper
264 100
260 20.8 17.6 26.4
265 22.5 16.6 24.8

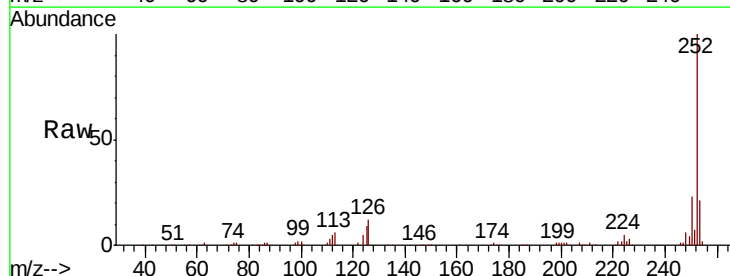


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

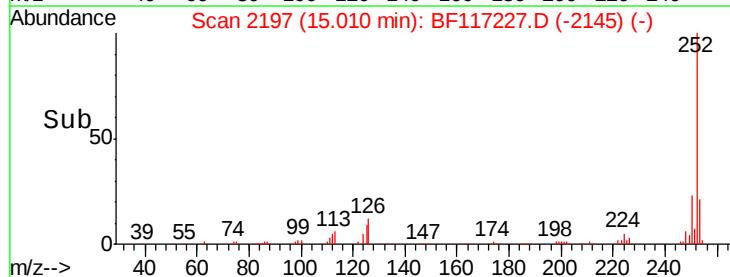
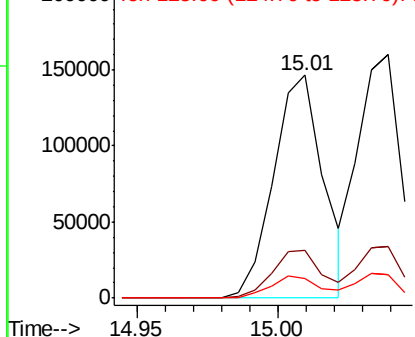


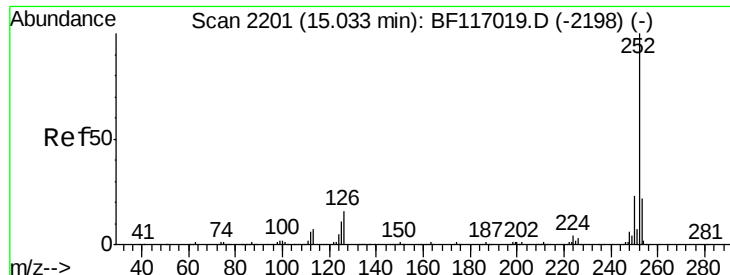
#88
Benzo(b)fluoranthene
Concen: 46.712 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:252 Resp: 179981
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 9.1 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

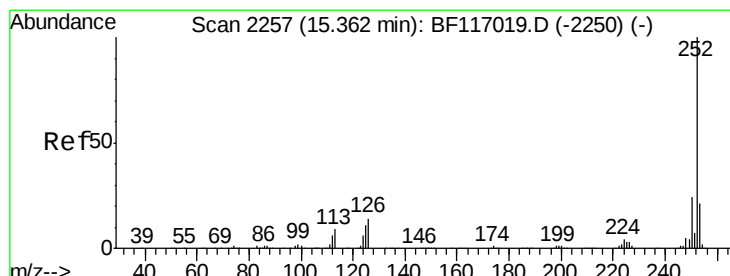
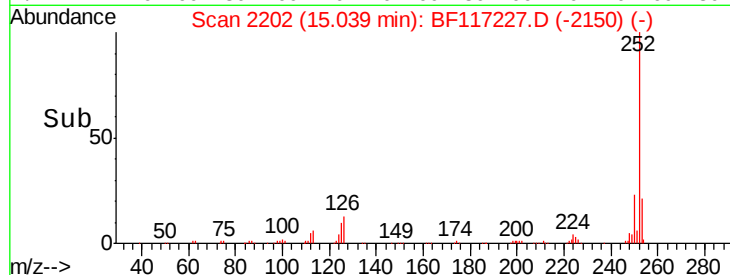
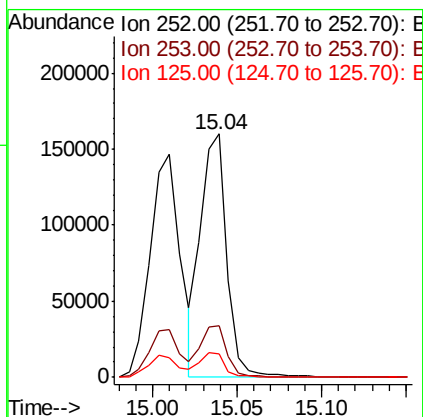
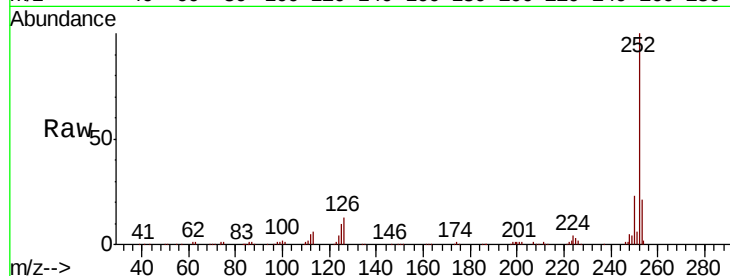




#89
Benzo(k)fluoranthene
Concen: 47.401 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

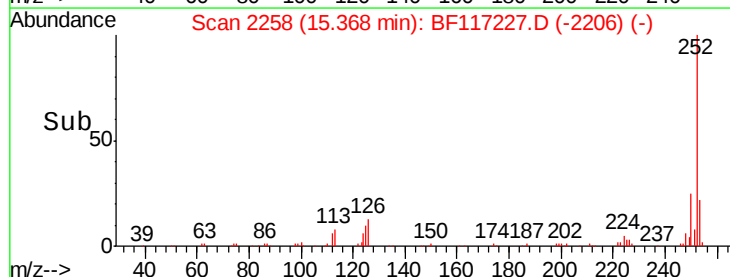
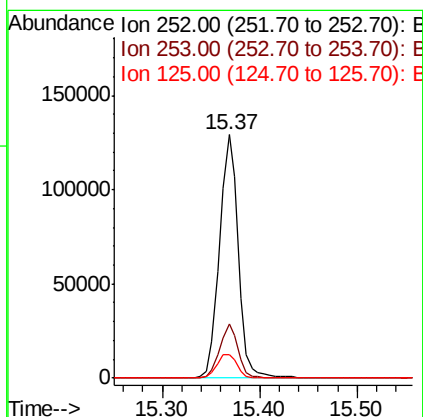
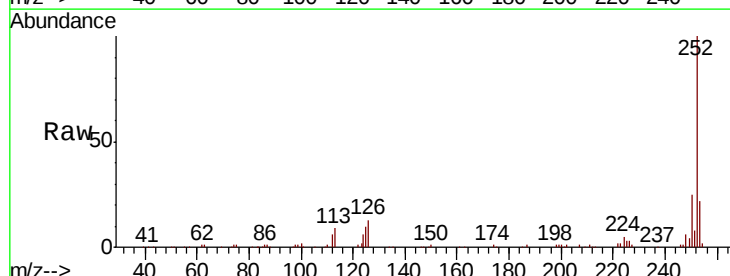
Instrument :
BNA_F
ClientSampleId :

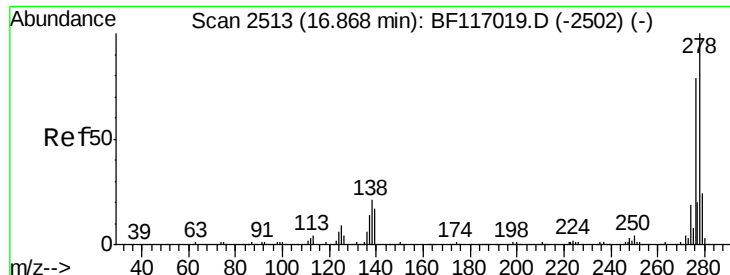
Tot Ion:252 Resp: 173004
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 9.7 8.8 13.2



#90
Benzo(a)pyrene
Concen: 50.990 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:252 Resp: 172400
Ion Ratio Lower Upper
252 100
253 22.4 16.6 25.0
125 9.6 8.9 13.3

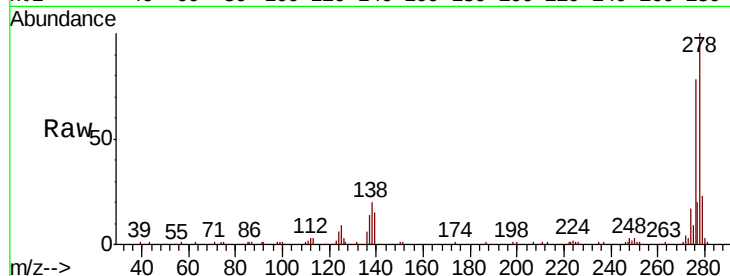




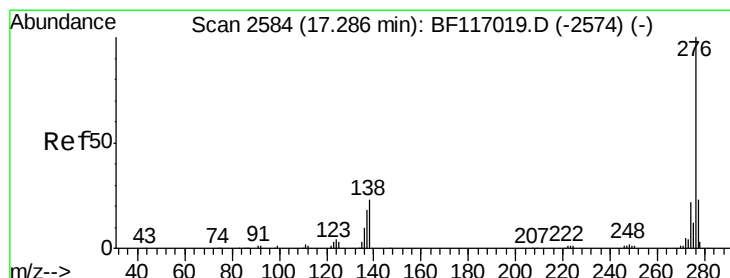
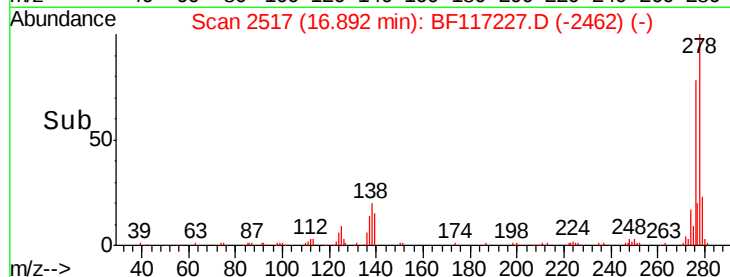
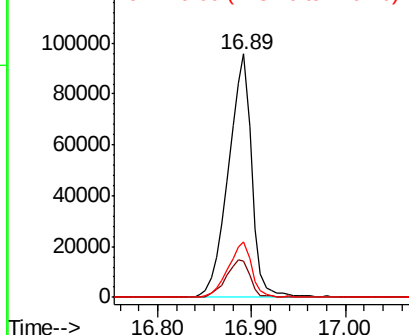
#91
Dibenzo(a,h)anthracene
Concen: 61.238 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 164941
Ion Ratio Lower Upper
278 100
139 15.1 13.5 20.3
279 22.8 18.8 28.2

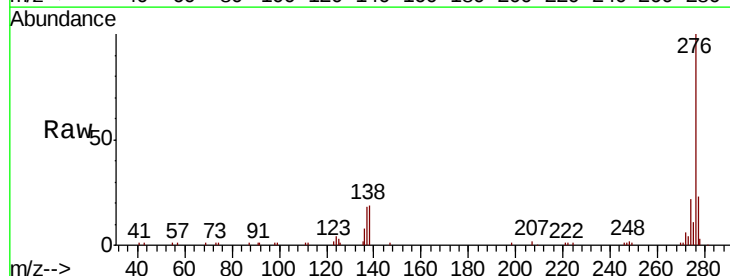


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.905 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF117227.D
Acq: 24 Sep 2019 20:33

Tgt Ion:276 Resp: 147365
Ion Ratio Lower Upper
276 100
277 22.8 18.6 27.8
138 19.1 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

